1949 50 File No. 2-004/36

P W DEPARTMENT
E/ BRANCH (1)

A CLASS

Subject:— Hydro-Electric Project.
Gaosappa Falls" proposed by
the Mysore Govt.

File No. VIII E1(1)
D 004 36.

Std. Govt. File

[G. R., G.D., No. 2408, dated 22-6-22.]

Std. Sectt. 78 a.

DOCKET SHEET

Subject:—

File No. 1/36 VIII

P. W. DEPT.

E/ BRANCH. (

References:—

Date.	To whom sent.	Notes and instructions.

ELECTRIC GRID OFFICES:

N O T E:

Reference:- Government letter Development Department's No.8922/32116-A dated 17-9-1949.

According to the letter from the Italian Engineer to Shri Mulraj Karsondas, Bombay, the approximate power requirements are 5000 KWH per ton of Ferro-Manganese refined which is about the same as given in the published literature for a 3500 kW furnace, manufacturing about 20 tons a day at 80% L.F.. Even assuming, a small plant of this capacity (6000 tons a year) will be economical, from power point of view, it is Highly improbable that a small hydro plant suitable for such ~~xxxf~~ furnaces could be economically constructed to supply power at a rate which could make the scheme self supporting.

According to the investigations recently carried out by Messrs. Associated consulting Engineers (India) on behalf of Bombay Government, the drop in the Kalinadi river near about Dandoli is 150 feet but further down the river near Magjhiri, the rapids provide a fall in level of 1000 feet. It is very improbable that the firm can construct a small hydro electric plant at this place within reasonable cost and "extremely speedily" In any case since the development of Kalinadi basin has been tentatively decided on by the Government of Bombay to be carried out in stages, permission cannot obviously be granted for any small scale development by private agencies. In this connection it may be stated that Government have authorised the Electrical Commissioner to proceed with detailed exploratory & survey work for the 1st stage-Kalinadi Hydro-Electric development at Supa.

If the Ferro-Manganese scheme load demands are within reasonable limits and of high load factor, the question of power supply from Jog to this area may be considered by the Government. When Supa-Kalinadi project mentioned

above is developed, extra quantity of power can be supplied from that source

HBK/30.IX.49.

Electrical Commissioner
With the Government of Bombay.

53

Letter.
IMMEDIATE

No. ELG-12-A/ 15956
Electric Grid Offices,
Foreshore Road,
Bombay 1: 29 September, 1949.

To

The Secretary to Government,
Development Department,
Bombay.

Subject :- Letter from the Italian Engineer to Shri Mulraj Karsendas, Bombay.

Reference :- Government letter, Development Department, No.8922/32116-A, dated 17th September, 1949.

In connection with the reference cited above, I attach herete a note giving my remarks so far as the question of Electric Supply is concerned.

Electrical Commissioner
with the Government of Bombay.

Encl: 1 note.
a/28.9.49

Copy f.w.c. to Sec to Govt PWD Bombay.

2004/36

64602

P.W.D.

El. Br (I).

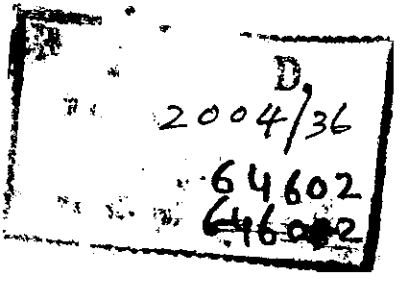
Submitted for information.

Record.

20/10/09

24/10/09

D.S. EL(I).5/10.



No. 2004/36-EI(I)

Public Works Department,
Bombay Castle 23rd August 1949.

(True Copy).

From,

The Deputy Secretary to the Government of Bombay,
Public Works Department,

To

V.G.Kumbi, Esquire,
Chairman, District Congress Committee, Economic Associat:
GADAG.

Dear Sir,

Subject:-Supply of Jog Electricity for
Grow More Food Campaign in Dharwar District.

I am to refer to your letters, dated the 19th July 1949, addresse to the Honourable the Prime Minister of India, the Honourable Minister for Works, Mines, Power, Government of India, and the Honourable the Premier, Bomb on the above subject and to enclose for yourinformation a copy of the Pres Note issued by this Government, on the utilisation of Jog Power.

Yours faithfully,

(Sd). P. G. Joshi,

for Deputy Secretary to the Government of Bombay,
Public Works Departemnt

E.A:- Copy of Press Note.

PRESS NOTE.
Utilisation of Jog Power.

The question of supply of Jog Power ~~of 100,000 KWt. available at Jog Po~~ was discussed in the conference of ministerial level with the repres tatives of the Government of Mysore. As a result of these discussions, th Government of Mysore has agreed that (1) a minimum of 10,000 KWt. will be supplied of Jog bus bars at the rate of 0.225 anna per Unit and (ii) 1500 at Harihar, subject to a minimum charge and period of contract for this p supply.

2. Government has decided that the power of 10,000 KWt. available at us bars should be distributed to Sirsi, Dandeli, Hubli, Dharwar & Gadag, a at of 1500 KWt, available at Harihar to Haveri, Byadgi, Ranebennur and igation pumping at Airani, Tumminkatti, Chikkurwatti and Guttal. The trical Commissioner has been asked to submit the necessary detailed p d estimates and other necessary steps to speed up the execution of t heme have been taken.

Gaoag, 24th Septr. 1949.

To, A copy for the information sent to the Hon Ministers
The Electric Commissioner, ~~for notice~~
~~Public Works Department~~
Bombay Government, Secretariat.

Respected Sir,

There is a copy of the letter that is received in reply to the correspondence the I.C.C. Economic Association desires to know where the work now stands. Please therefore be kind enough to let me know its present position and also the probable date of completion.

Yours most faithfully,

V. G. Kumbi,

Chairman, Economic Committee,
I. C. C. Khanwar.

ve 30/9

Acknowledged under

No. 2004/36 El(I)

dated the 8th October 49.

Secy.

RECEIVED
on 8/10/49

E. (I)
4/10

2004/36

Serial No 64450

2004/36/64450

E I Br (I)

P.W.D

Submitted.

2 This is a copy of letter from the chairman, Economic Committee, D.C.C. Dharwar, addressed to the Elect. Commissioner in connection with the supply of Jog Electricity ~~for Grow More Food~~ in Dharwar Dist.

1990

OFFICE OF THE ELECTRICAL COMMISSIONER WITH THE GOVERNMENT OF BOMBAY
Hand No. 43839
28/10

The ~~Elect. Commissioner~~ might have obviously given a reply to this letter That officer may perhaps be requested to furnish a copy of the same to this office.

9+P
25/10/49

25/10/49.

APS

Issue D.O. to the Elect. Commr of 27th Oct 49.

SECTY 27.10

7 11

No.T.8/1/16433 -
Bombay 8th October 1949.

To

~~The Chairman~~
The Chairman,
District Congress Committe, Economic Association,
Gadag.

Subject:-Supply of Jog Power

Reference:-Your letter dated 24-9-1949.

Dear Sir,

With reference to the above, I wish to inform you that the following steps have been taken regarding the above scheme:-

1) Government have been requested to appoint the Gazetted Technical Staff through the Public Service Commission.
2) The non-gazetted staff has been or is being appointed with some difficulty due to paucity of trained men.
3) Plans for the expeditious procurement of plant are under way.
4). A few engineering firms have been asked to quote for executing the surveys on contract basis for the Transmission line routes and the survey work is expected to be taken up during this working season.

It may be noted that the delivery period of some essential equipment from the Sterling area is of the order of three years. However, I wish to assure you that everything is being done towards the earliest possible execution of the scheme.

Yours faithfully,
Sd/- xxxx
Superintending Engineer (Transmission)
for Elect.Commr.with the Govt. of B'bay.

wbm/1.11.49
True-Copy.

Below U.O.R., P.W.D., No.2004/36/64450 of 27-10-49.

.....

Electric Grid Offices.

I enclose herewith a copy of the reply sent from this office to the letter dated 24th September 1949, received from the Chairman, District Congress Committee, Economic Association, Gadag.

Secy. to Govt.,
P.W.D., Lombay.

P.W.D. 2/11/49.

U.O.R.No.T.8/1/ 18104
dated 3rd November, 1949.

C/-
1/11/49.

2004/36
Serial No. 72477

to 14

2004/36/72471

El Br(I) P.W.D.

Submitted with reference to the 65 O.N. dated the 25-10-49.

2/- In view of the reply from the Elect. commissioner with the Govt. no action is necessary.

H.M. need not be troubled.

Record

SOS 3/12/49 It will have been done one month.

3/12/49

K.B. 3/12/49

F.L. 3/.

This is not to be sent to Govt. without

3/12

→ Miss P. 4 — Noted & return please

5/12/49

Noted SOS 8/12/49

15

Telegrams:" CHAMBER" Telephone: 34.

KARNATAK CHAMBER OF COMMERCE

ಕರ್ನಾಟಕ ಚೇಂಬರ ಆಫ್ ಕಾಮರ್ಸ್ (ವಣಿಕ್ ಸಂಘ) ಹುಬ್ಬಳ್ಳಿ.

Branch Office:- **Bagalkot.**
Member
Federation of Indian Chambers of
Commerce & Industry
New Delhi.

Head Office: HUBLI
KARNATAK PROVINCE
(INDIA)
KTAK CHAMBER OF COMMERCE

Member
Regional Posts & Telegraphs
Advisory Committee, and
Board of Communations, Bombay.
M. S. M. Rly. Local Advisory Committee
(B. P.) Madras.

No. H. 863. HUBLI 20th Aug. 1949

The Secretary to Government,
P.W.D. (Irrigation), Bombay.

Sub:- Supply of Jog-Power.

Sir;

It has been reported that Government have given their final sanction to the Jog-Project, after its estimates were revised in the light of the fresh agreement made with the Mysore Government and that Government are taking immediate steps to execute it. My committee shall be obliged if you would confirm this news and supply them with a copy of the proposals and Government's approval thereto, as early as possible. My committee are grateful to Government for their decision to take Jog Hydro-electric power for the Karnatak area.

My committee have also to request Government to inform, in detail, the measures they are taking to expedite the execution of the project, so as to enable them to extend their co-operation and active assistance to the maximum, (which may be conveyed to the concerned officers). It is presumed that the supply of power will be made from both the Jog and the Harihar centres to Hubli-Gadag-Belgaum and Ranebennur-Byadgi-Haveri areas quickly. It is further presumed that power will be actually available at both these areas within a reasonable time.

Thanking you,

Yours faithfully,
R. L. Kirloskar
Hony. Secretary.

Copy forwarded w/cs to:-
The Electrical Commissioner with Government,
Electric Grid Office, Foreshore Rd. Bombay

2004/36/55241

El. Br(I).

P.W.D

Acknowledged under No. 2004/36-El(I), dt. the 25-8-49.

24/8/49

24/8/49

24/8

ISTI
on 25/8/49 J.R.

I.S.O.R.T.
16/8

2004/36

55241

21

PRESS NOTE.

Utilisation of Jog Power.

The question of supply of Jog power was discussed in conference at ministerial level with the representatives of the Government of Mysore. As a result of these discussions the Government of Mysore has agreed that (i) a minimum of 10,000 kW. will be supplied at Jog bus bars at the rate of 0.225 anna per unit and (ii) 1,500 kW. at Harihar subject to a minimum charge and period of contract for this power supply.

2. Government has decided that the power of 10,000 kW. available at Jog bus bars should be distributed to Sirsi, Dandeli, Hubli, Dharwar and Gadag and that of 1,500 kW. available at Harihar to Haveri, Byadgi, Ranebennur and for irrigation pumping at Airani, Tumminkatti, Chikkakuruvatti and Guttal. The Electrical Commissioner has been asked to submit the necessary detailed plans and estimates and other necessary steps to speed up the execution of the scheme have been taken.

5 19 2004|36|55241

E.I.Br.(I). 3087 P.W.D.

Submitted.

2/- A copy of the recent Press-Note issued by Govt. in connection with the utilisation of Jog Power may be forwarded to the Karnataka Chamber of Commerce as per draft put up for approval. p3

3/- The detailed proc. in connection with the above scheme have not so far been recd. from the Elect. Comm. As the ~~Assn~~ Karnataka Chamber of Commerce wants ~~to know~~ further information in the matter the papers may be shown to them before the proposed draft is issued.

7-11-49.

D.S: U/P 12/11/49 Elect Commr's of 15th inst regg. NO to the Elect

S.E(T)

OFFICE OF THE ELECTRICAL COMMISSIONER WITH THE GOVT. OF KARNATAKA
Inward No 5663
Date 16/11

721 ₹ 2004|36|55241

No. 2004|36-E|(I) P.W.D.

B.C., Nov. 1946.

To

The Honorary Secretary,
Karnatak Chamber of Commerce.
Hubli.

Subject:— Supply of Jog Power

Dear Sir,

With reference to your letter No. H. 853, p.1 dated the 20-8-1946, on the subject mentioned above, I am to enclose a copy of the Press Note p.3 recently issued by Govt. in Can.

2004|36|55241.

Connection with the utilisation of Jog Power

7-11-04.

7-11-04

b. 3

D.A. - Copy of the Pvsn Note.

9 2 5

No. T.8/1/16292
Electric Grid Offices,
Foreshore Road,
Bombay 1: 6th October, 1949.

To

The Honorary Secretary,
Karnatak Chamber of Commerce,
Hubli.

Dear Sir,

Sub: Supply of Jog Power.

I thank you for your letter No. 6H/960 dated 14.9.1949. The following steps have been taken:-

1) Government have been requested for appointment of the gazetted technical staff through the Service commission.
2) The non-gazetted staff has been and is being appointed with some difficulty due to paucity of trained men.
3) Plans for expeditious procurement of plant are under way.
4) A few engineering firms have been asked to quote for executing the surveys on contract basis for the routes of the transmission lines. The survey work is expected to be taken up during this working season.

2. It will be noted that the delivery period of some essentia equipment from the sterling area is around three years. I wish to assure you however that all that is possible will be done to expedite the execution of the scheme.

Yours faithfully,

Sd/- V.R. VAIDYA
for Electrical Commissioner
with the Government of Bombay.

MTB/18.11

4 25

Pohsc

Below U.O.R. P.W.D. No. 2004/36/55241 dated 15th November, 1949.

****

ELECTRIC GRID OFFICES.

The Karnatak Chamber of Commerce sent to this office a copy of their letter No. H.853 of 20th August 1949, addressed to Government, and requested for information. The letter was replied in this office letter No. T.8/1/16292 dated 6th October (copy enclosed for information).

P.C.

P734.

21/11/49

The Secretary to Government,
Public Works Department,
Bombay.

U.O.R. No. T.8/1/ 19418
Bombay, dated 21st November, 1949.

MTB/18.11

13 27 2004|36|78530.

E|Bv.(I). P.W.D.

Submitted with reference to this Deptt. p.5 U.O.12. dated the 15-11-1949.

2|- It will be seen from the Elect. Comm's U.O.12. p.11 that a copy of the letter p.1 dated the 20th Aug from the Karnataka Chamber of Commerce was recd. by him also. and that he has already given a reply thereto, vide, copy of his letter on p.9 ante. In view of this, no further reply need perhaps be given to the Karnataka Chamber of Commerce in the matter.

Recd.

10-12-49

10/12/49

✓ DS.

PRESS NOTE.
Utilisation of Jog Power.

The question of supply of Jog power was discussed in conference at ministerial level with the representatives of the Government of Mysore. As a result of these discussions the Government of Mysore has agreed that (i) a minimum of 10,000 kW. will be supplied at Jog bus bars at the rate of 0.225 anna per unit and (ii) 1,500 kW. at Harihar subject to a minimum charge and period of contract for this power supply.

2. Government has decided that the power of 10,000 kW. available at Jog bus bars should be distributed to Sirsi, Dandeli, Hubli, Dharwar and Gadag and that of 1,500 kW. available at Harihar to Haveri, Byadgi, Ranebennur and for irrigation pumping at Airani, Tumminkatti, Chikkakuruvatti and Guttal. The Electrical Commissioner has been asked to submit the necessary detailed plans and estimates and other necessary steps to speed up the execution of the scheme have been taken.

DIRECTORATE OF PUBLICITY

THE PRESS TODAY

POINTS AT A GLANCE

5 SEP 1949

GENERAL

Consembly. Consembly after three-day debate passed Gopalswami Ayyangar's articles in constitution on official language of Union with amendment agreed to earlier by Congress Assembly party. Dr. Rajendra Prasad applauding decision said "we have done the wisest possible thing."

French Settlement. French Secretary for Information said, in Paris French Government still upheld creation of special statue within frame-work of French Union, for French Indian settlements.

Bombay Assembly. Bombay Legislative Assembly passed Bill to amend Bombay District Municipal Act of 1901. H.P., during question hour, said Government was competent to make appointments without consulting P.S. Commission if they were not likely to last for more than a year. 53 out of 61 nominated members representing merged States were admitted members of Congress Legislative Party.

Homoeopathic hospital. TIMES OF INDIA reports first Government Homoeopathic hospital to be started in India, will be opened in Bombay very soon with accommodation for 30 indoor patients.

G.M.F. Campaign. India Government has asked Provincial Governments to divert maximum available engineering staff to grow more food campaign.

Privy Council. Dr. Ambedkar, in Consembly, introduced bill to abolish with effect from October 10, 1949, jurisdiction of Privy Council in regard to Indian appeals and petitions.

Russia Wants Peace. Dr. Radhakrishnan India's ambassador to Russia said, in Paris, Russia had genuine desire for peace.

J.P.Narain. J.P.Narain, speaking at Kalyan, said, Indian people were better off before 1947 than today; said, one found greater corruption and inefficiency now.

Polio. Average rate of polio attacks in Bombay city in progressively decreasing.

Godse's Appeal. Petition for leave to appeal against sentences passed on Nathuram Godse and other 4 convicts in Gandhi murder case was lodged with Privy Council by Solicitors. Petition will be heard on October 12.

Mahatma Memorial. — U.S.Senate approved erection of Gandhi memorial in Washington.

Pakistan's Allegations. — Sir M. Zafrullah said, at Lake Success, that while Pakistan was prepared to accept arbitration of Admiral Nimitz on Kashmir truce, India had turned down proposal and continued present deadlock. BOMBAY CHRONICLE headlines for report as "Pakistan throws mud at India: Zafrullah goes to UN to tell lies".

*** ***

KANNADA PAPERS OF 13.9

News Feature. — Munshi-Ayyangar draft on national language given prominence in all papers

Textile Policy. — SAMYUKTA KARNATAK welcomes decision taken by Dr. S.P.Mukherjee to resolve textile crisis. VISHAL KARNATAK maintains control policy should not be dogmatic but must adapt itself to changing conditions; also appeals to cloth merchants to cooperate with Government in tackling problem.

Jog Power for Karnatak. — SAMYUKTA KARNATAK -- Letter suggesting alternate route for supply of Jog power to Bombay Karnatak. If Sirsi-Dandeli line of supply is taken to Bankapur and diverted from there into two channals one going to Savnur, Laxmeshwar and Gadag and another to Sirsi via Hubli and Dharwar, more than six thousand acres of land would be irrigated by Dharma river, it pleads.

H.M., Agri — Letters; Requesting H.M., Agri to arrange supply of dairy products of Arabhavi farm (Belgaum district) to Hukeri road T.B. sanitoriaum.

Rly. level Crossing. — Complaining that closing of Rly. level crossing on Unkal-Hebli road is highly inconvenient to villagers.

Vatandar Kulkarnis. — Complaining against delay in payment of remuneration to Vatandar Kulkarnis and also in issue of appointment notices to Huqdars.

Open letter to A.O. of Bijapur District School Board challenges reversal of early transfers ordered by him.

Complaining that even in absence of orders from D.P.I., Dr.Javali was given charge as Vice Principal at Belgaum S.T.College. Consequent transfer of Prof. Hukeri of that college has inconvenienced Sanskrit students, letter adds.

P. W. D.
File No. 2004/36
Belgaum S.T. College.
Serial No. 62369

Orders issued to the Secretary for necessary action
29/10/42

3 33

2004/36/62369

P.W.D

El.Br.(I)

Submitted with ref. to the H.M., P.W.D's orders at p. 2.

2. Govt. has decided that the power of 10,000 KW L that will be available at Jog bus bars from the Mysore Govt. should be distributed to Sirsi, Dandeli, Hubli, Dharwar and Gadag and 1,500 KW available at Harihar to Haveri, Byadgi, Ranebennur and for irrigation pumping at Airani, Tummingkatti, Chikkakuruvatti and Guttal.

3. The El. Commr. may be requested U.O. to offer his remarks regarding the suggestion at 'A' on p. 2 for an alternate route for the supply of

Jog —

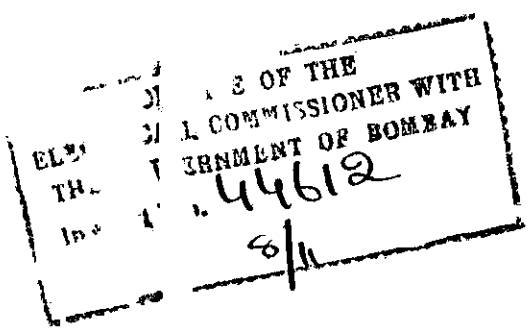
2004/36/62369

Jog power.

2088
9/11/49

24/10/49

Extract returned.
4/11/49.



Below u.o.r.P.W.D. 2004/36/62369 of 7-11-49.

My remarks with regard to the letter which appeared in "Samyukta Karnatak" of 13-9-49 regarding the diversion of the Jog-Hubli transmission line route have already been sent to Government vide this office u.o.r No.T.8/1/18016 of 1-11-49 in reply to u.o.r. P.W.D.No.S 220/59861 of 19-10-49.

P734.
18/11/49.

Secy. to Govt.
P.W.D., Bombay
u.o.r.No.T.8/1/ 19249
dated
18-11-49

NGK/16/11.

X 37 2004/36/77792

P.W.D.

El. Br. (I)

pp. 3-4

Submitted with ref. to the O.N. dt. the 24-10-49..

2. The El. Commr. states in file no. I-220/72092 that the limited power permitted by the Mysore Govt. will be supplied to licensees, waterworks and industries at Hubli, Dandeli, Gadag, Dharwar and Nirvagar. No power will therefore be available to divert from Sirsi for the irrigation loads mentioned at 'A' on p. 2 ante. The papers may therefore be recorded.

+ vide A file no. S-220/720-2. p. 3 put up below

12/12/49

Rec'd.

Secy. H.H. P.W.D.

13/12

13/12

23/12

G. R., G. D., No. 2408, dated 22-6-22

Std. Sectt. 78 e.

DOCKET SHEET

Subject:—

File No. 2004/36

Pro. **DEPT.**

GL **BRANCH.(1)**

References:—

Date.	To whom sent.	Notes and instructions.
7/12	File By	File (A).

S T A T E M E N T

Item No.	Information called for.	Ceded Districts Scheme.	South Kanara Scheme.
1	2	3	4
1.	The quantum of power agreed to be taken from the Jog Power House.	4000 KW	6000 KW
2.	The voltage of supply and transmission.	66 KV	66 KV
3.	Total number of miles of H.T. Transmission line necessary for the utilization of the above power.	(a) Single circuit 66 KV line with 7/.144 ACSR conductor on painted steel towers..... 116 miles. (b) Single circuit 33 kV line with 19/.064" copper conductor on R.S. Joists. ... 43 Miles. (c) 11 kV feeder lines 40 Miles.	(a) Single circuit 66 kV line with 19/.072 copper conductor ..90 Mile (b) 11 kV feeder lines ..60 "
4.	The date of Government of Madras orders sanctioning the putting up of the above line and necessary receiving stations etc.	July, 1946	Not yet sanctioned.
5.	The date of completion of the Works. If the works are not wholly completed what percentage is completed and when the rest is expected to be completed and the works put into service.	(a) 66 kV line from Mysore border to Kudligi (Bellari District) - 19 Miles and 11 kV line from Kudligi to Hagari Bommanahalle - 14 miles completed and charged on 7.6.1949. (b) Section of 66 kV line from Kudligi to Tungabhadra Dam - 26 Miles completed and charged on 10.9.1949. (c) Balance of the work on Transmission line and substations is in progress and likely to be completed by about the middle of 1950.	Work not yet taken up.

CONTD. (2).

Item No.	Information called for	Ceded Districts Scheme	South Kanara Scheme.
1	2	3	4
6.	The broken down estimated cost of the transmission line and the receiving stations and if readily available, the actual cost of the same.	Estimated cost including centages as per latest figures. (a) Transmission lines - Rs 48.23 lakhs. (b) Substations - " 24.06 " (c) Distribution of Power. - " 3.49 " Total - 75.78 "	Estimated cost including Centages. (a) Transmission lines. 24.30 (b) Telephone lines. 2.25 (c) Special structures. 2.00 (d) Substations 21.50 (e) Distribution of power 12.00 62.05.
7.	In connection with the costs, if possible, could you say when the materials were purchased and what the basic cost of steel was at that time.	Order for supply and erection of the 66 kV line was placed in November, 1946. Basic cost of steel at the time of placing orders.. Rs 225/- per ton. The actual payment for steel towers was as per invoiced price of steel delivered from time to time.	
8.	Nature of load which is being served or is proposed to be served by the above power.	Category — Percentage of the total. (a) Industrial 40 % (b) Agricultural 12 % (c) Domestic 15 % (d) Commercial & Small Power. 20 % (e) Street lighting 3% (f) Water supplies and Miscellaneous 10 %	

CONTD. (3).

Item No.	Information called for	Ceded Districts Scheme	South Kanara Scheme.
1	2	3	4
9.	Was the work carried out departmentally or on contract. In the latter case who were the Contractors.	Both supply of materials and erection of Transmission line and substation was le out to Messrs. Crompton Engineering Company (Madras) Limited on contract except power Transformers.	

Sd/- G. SUNDARAM
CHIEF ENGINEER FOR ELECTRICITY.

MTB/10.x

No. 5052 E/49-1.

Office of the Chief Engineer
for Electricity,
Chepauk, Madras, 7th October, 1949

My dear Advani,

Your D.O. No. H8/15949 dated 29.9.1949.

Under an agreement with the Mysore Government concluded in 1946, we are to be supplied power in bulk upto 4000 KW from the Jog Power Scheme at a point near Ujjini on the Mysore border of our Bellary District. A scheme for transmission and distribution of this power to Tungabhadra Dam, Hospet, Bellary, Alur, Adoni etc. in the Ceded District was sanctioned by the Madras Government in July 1946. A part of the scheme has already been completed and Mysore supply has been availed from June of this year.

The Mysore Government have also promised to supply 6000 KW from the Jog Power House for distribution in the South Kanara District of this Province, for which a scheme has been worked out. The scheme is yet to be sanctioned by Government and is pending conclusion of the power agreement with Mysore.

The information required by you in respect of the above schemes is furnished in the statement Ex 1-6 enclosed. If you desire any more please let me know.

With kind regards

Yours sincerely,

Sd/- G. SUNDARAM.

Sri P.B. Advani,
Electrical Commissioner,
Government of Bombay,
Foreshore Road, Bombay.

Electric Grid Offices

H. M. P.W.D. had desired me to obtain certain information from Madras about the utilisation of Jog Power by Madras Government.

I place below a copy of a letter, dated 7th instant, together with its enclosure, received by me from Mr. Sundaram, Chief Engineer (Electricity), Madras. The letter and its enclosure, I believe, gives all the information required by H.M.P.W.D..

It will be noted that supply for both the Madras schemes is on basis of 66,000 volts as against 110,000 volts supply to us. Th Ujjini transmission scheme (4,000 KW.) was sanctioned in July 1946. A part of this scheme was completed in June and another part in September this year; the balance is expected to be completed in about the middle of 1950. The other scheme (South Kanara) is not yet sanctioned.

Secy. to Govt.,
P.W.D., Bombay.

U.o.r. No. W-8| 16572
Bombay 1: 10-10-1949.

Encl: 1 as above.

a/10.10

2004/36.
66466.

P.W.D.

El Br(1)

O.N.

As desired by the H.M. P.W.D., the El Comm^r has obtained certain information from Madras about the utilisation of Jog Power by Madras Govt. The information may be submitted to the H.M. P.W.D.

5/11/49.

K/7/11/49

Secy.

7/11/49 H.M.P.W.D

E.C's Note dated 10th Oct is submitted herewith as it has taken four weeks to reach me. The communication required no study on the part of any one to expedite such an ordinary delay. When at Kaiga visiting the Kaiga Valley I spoke to Mr Adhikari this week why there was a delay in submitting the information asked for from Madras Govt. in regard to completion of their hydro-electric scheme and supply of power from the Jog Power House & he said that he had sent the note about a month ago!

The cause of such an inordinate delay is to be found in the files of papers and speak.

JMM 10/11/45

Elec. Bor. is responsible for delay in this case & for numerous other cases. ~~I have also SAS~~ Heavy arrears have accumulated with Bor. (& I have acted upon this aspect already)

I should like DS to go into this & discuss with me methods for clearing arrears & preventing them

add AS is also responsible for the state of affairs & will speak.

11/11

DS.

add AS

This was discussed with Mr Seay. As instructed by him on a separate case personal attention is being paid to the reduction of arrears in the Elec Bor. (I) & (II)

14/18/11/45

Seay

18/11

N 51

200 e/36

D.W.D.

El B (W) ON.

The Hon. D.W.D is visiting Mysore. The El Commr is therefore requested to furnish a brief note on Jog Water Power Scheme showing ~~the progress made steps~~ taken to expedite the Scheme and the last report. The report should please be submitted so as to reach Govt by the 26-11-43

Sd.
24/11/43.

S.E (Tr) 24/11

A.A.S.

24/11/43

OFFICE OF THE
ELECTRICAL COMMISSIONER WITH
THE GOVERNMENT OF BOMBAY
Inward No. 4668
Date 27/11

Ans to the Sec Commr dt 24th Nov 43

A Note on Electric Power Supply from Mysore Government's Jog Scheme to Bombay Karnatak.

--

The development of the Jog Hydro Electric Scheme by the utilisation of the waters of the Sharavati river was discussed by the Mysore Government with the Bombay Government as early as in 1929-30, and it was agreed then that the Mysore Government could develop a scheme capable of giving 20,000 E.H.P. and of this, Bombay Government should get 5,000 E.H.P..

2. In 1943, the Mysore Government decided on developing 64,000 E.H.P., without any further consultation with Bombay Government and this stage of development is almost complete now. The Mysore Government have now under execution the second stage of development bringing the total installation at the Mahatma Gandhi Power House at Jog to 120,000 kW They have, further, under investigation the Honnemaradu Hydro Electric Project across the same river which contemplates a second power house a few miles downstream of the existing power house at Jog. It is reported that the capacity of the new station will be about the same as the present Mahatma Gandhi Power Station in the first instance and will be capable of being extended ~~to 300,000 kW~~ further when the power demands increase.

3. The question of the utilisation for the Bombay Karnatak, of the Jog power available from Mysore Government, was not considered seriously till the Bombay Electric Grid Department was formed. In order to obtain more power than the 5,000 E.H.P., promised by Mysore Government and also to get it at a cheaper rate than 0.25 anna per unit proposed by Mysore, considerable correspondence took place

between the two Governments. Later, there was a conference in May 1948 between the Hon'ble Minister for Forests & Agriculture of Bombay Government, with the Hon'ble Minister for Law and Labour of Mysore Government. The Mysore Minister then agreed to give 10,000 kW in the first instance from their existing station and agreed to give priority to another 20,000 kW when the second stage (total installed capacity 120,000 kW) was completed. Regarding the rate of supply also, he said that Bombay Government could work out three schemes assuming 0.2, 0.15 and 0.125 anna per unit. Based on this, a detailed scheme was sent by the Electrical Commissioner to Bombay Government. But later, when the Mysore Government were requested to confirm the above quantum of power and rate of supply, they reiterated their old rate of 0.25 anna per unit for supply at 110 kV busbars at Jog and also limited the power to be made available to 5,000 E.H.P.. They were prepared to give in addition, 6,000 kW at 66 kV at Harihar for which they sent a schedule of rates.

4. At this stage, Bombay Government decided that negotiations at ministerial level should be opened with the Government of Mysore for supply of power from the Jog Power House. This decision led to a second Conference of the Hon'ble Ministers of the two Governments on 10-2-1949. The Hon'ble Ministers of Bombay, Dr. M.D.D.Gilder and Shri M.P.Patil met Sir A. Ramaswamy Mudaliar, Dewan, and Shri K.T.Bhasyam, Minister for Law & Labour of Mysore Government. They requested for the

supply of 15,000 kW at Jog at cost of generation plus 5 %, and 1,500 kW at Harihar on similar basis. The Mysore Government did not agree to meet these requirements of Bombay. It was ultimately agreed (1) that Mysore Government will give a "minimum" of 10,000 kW at Jog and 1,500 kW at Harihar, and (2) the rate of supply at Jog to be 0.225 anna per unit (a little less than the original rate of 0.25 anna per unit) and the rate at Harihar the same as that communicated by them earlier, but the minimum charge and period of contract to be refixed. The Mysore Government have not yet communicated the minimum charge at Harihar for which a reminder has been sent by Government.

5. After this Conference, further proposals were submitted by the Electrical Commissioner, Bombay, based on the limited quantum of power available from Mysore. This has been approved by Government and they have issued orders that power from Jog should be transmitted to Sirsi, Dandeli, Hubli, Nirsagar, Dharwar and Gadag, and from Harihar to Haveri, Byadgi, Ranibennur, and for irrigation pumping at Airani, Tumminkatti, Chikkakuruvatti and Guttal.

The proposed routes of transmission lines and load centres for the Scheme utilising 10,000 kW available at Jog and 1,500 kW available at Harihar are shown in the enclosed Drawing No. J241. This will meet the demands of 8 industrial townships, 1 big water works and 4 lift irrigation pumping centres. The approximate cost of the Scheme will be about Rs. 176 lakhs. As stated above, the scheme has been sanctioned by Government and active

steps are being taken by the Electric Grid Department to execute it as early as practicable. It may take about 3½ years from now for the completion of the Scheme, as the delivery period for imported plant is some 2½ years. Recommendations have already been made to Government as to how some of the difficulties in the way may be tided over and if the Department's suggestions are accepted by Government, it may be possible to commence service from the Jog Scheme in the beginning of 1953.

P. B. ADVANI.
Electrical Commissioner
with the Government of Bombay.

Encl: Drawing No. J.241.

Below U.O.R. P.W.D.No.2004/36 of 24-11-49.

ELECTRIC GRID OFFICE:

4 : 12-11

As desired by H.M.,P.W.D., I am submitting herewith "A Note on Electric Power Supply from Mysore Government's Jog Scheme to Bombay Karnatak". This note is the same as submitted by me to Government with my letter No.T.8/1/18805 of 11-11-1949 for the information of H.E. the Governor.

The following steps have already been taken for the advancement of the scheme.

(a) The tenders received for the survey of Transmission Lines have been scrutinised and Government approval is being requested to authorise me to entrust the work to the most acceptable tenderer.

(b) Tenders have been invited for Transformers, switchgear and synchronous condenser for use at the various sub-stations of the Jog-Karnatak Scheme. The last date for the receipt of tenders is in the first week of January 1950. Tenderers expressed their inability to submit tenders earlier.

(c) Prices are already available for negotiating the contract for supply of materials and erection of the main transmission lines.

(d) The collection of data for the loads at different places, to finalise the design of the scheme and fix the sizes of the step down sub-stations at the various places, is progressing.

(e) Requisitions have been sent to Government for recruitment of the gazetted officers required for working out the details and estimates of the Scheme as soon as load data

are finally collected, vide my letters No. E.4(a)/13760 of 23rd August 1949 and No.U.O.R. T.8/1/17130 of 19th October 1949

(f) Government has been requested for sanction and appointment of Civil Engineering staff for supervision of Transmission line surveys, selection of Sub-station sites, land acquisition work, designs of staff quarters & colonies and supervision of construction works, vide my letter No. T.8/1/17145 dated 19-10-49.

(g) At our request the Mysore Government have been addressed by the Bombay Government for advising the minimum charge for the power off-take at Harihar, vide Government letter No. 2004/36-V-El(I) dated 4th November 1949.

Secy to Govt.
P.W.D., Bombay,

U.O.R.No.T.8/1/19734
dated: 25th Nov.'49.

HBK/25.XI.49.

T5(b) · 2004/36

79590-A.

El. Br (I). P.W.D.

Submitted with reference to
the O.M. at p.1 the 24.11.49.

2. Item (a) at p13 in the El. commr's note:-
the El. commr's proposals in the
matter have since been received and
are being dealt with separately.

= on file No 2004/36 Sl 182

3. Item (e) ibid at pp13-14 :- the requisitions
have been sent+ to the P.S.C.
whose recommendations are
awaited.

+ E B(I) file No 1184/48 (will be put up in due course)

4. Item (f) ibid at p 14. :- the F.D.
has objected to the entertainment
of the addl staff & has asked
for full reasons for its
entertainment. The papers were
sent to the El. commr whose
remarks have been received on the
6th inst. The case is being
submitted separately.

E B(I) ⊕ File No 1184/48 82391 (will be put up in due course)

5. Item (g) ibid at p 14 :- the reply
of the Govt of Mysore is

504/36
79590.A.

awarded.
⊕
exhibited

ARA
9/12/49

16 b

they are being in the matter.

Thro. E.B. (I)

KH 9/12/49

9/12

9/12/49

⊕ [illegible]
[illegible]
Writ Petition No. 245-2 of 1949
[illegible]
+ Reg [illegible]
Writ
9/12/49.

KS

Secy

H.M.P.W.D.

sent.

9

27/12

12

V.P.O.
KARNIGI &
DT. DHARWAR

THE HONOURABLE
HE PREMIER

d. on 30 SEP 1948

ಸರಪಂಚ.
ಗ್ರಾ. ಪ. ಳ. ಕರ್ಜಿಗಿ. ಪ ಬಿಂಕಮುಗದೂರ

ಜನರಲ್ ಕೌನ್ಸಿಲ್ ನಂ. 13. ಪೈ 67

ವಿಷಯ | ಶ್ರೀ ಕಂಬೋಜಿಯ ಕಲ್ಯಾಣ ರಜತ ಮಹೋತ್ಸವ ಸಮಿತಿ ಪರವಾಗಿ ಅಭಿನಂದನೆ

ಅಧ್ಯಕ್ಷರು

ಸಭೆಯ ಅಧ್ಯಕ್ಷರು:- ಇವತ್ತಿನ ಸಭೆಯ ಮುಖ್ಯ ಕಾರ್ಯಕ್ರಮವೆಂದರೆ ಶ್ರೀ ಕಂಬೋಜಿಯವರ ಕಲ್ಯಾಣ ರಜತ ಮಹೋತ್ಸವ ಸಮಿತಿಯವರು ಅವರಿಗೆ ಅಭಿನಂದನೆ ಸಲ್ಲಿಸುವುದು. ಈ ಸಮಿತಿಯವರು ಈಗಾಗಲೇ ಅಭಿನಂದನಾ ಗ್ರಂಥವನ್ನು ಪ್ರಕಟಿಸಿದ್ದಾರೆ. ಅದನ್ನು ಅವರು ಇಂದು ಸಭೆಯಲ್ಲಿ ಬಿಡುಗಡೆ ಮಾಡಲಿದ್ದಾರೆ. ಅಭಿನಂದನಾ ಗ್ರಂಥವನ್ನು ಸಮಿತಿಯ ಅಧ್ಯಕ್ಷರಾದ ಶ್ರೀ ಕೆ. ಎಸ್. ಪಾಟೀಲರು ಬಿಡುಗಡೆ ಮಾಡಲಿದ್ದಾರೆ. ಅಭಿನಂದನಾ ಗ್ರಂಥವನ್ನು ಸ್ವೀಕರಿಸಲು ಶ್ರೀ ಕಂಬೋಜಿಯವರು ಸಭೆಗೆ ಆಗಮಿಸಿದ್ದಾರೆ. ಅವರನ್ನು ಸಭೆಗೆ ಸ್ವಾಗತಿಸಲು ಶ್ರೀ ಕೆ. ಎಸ್. ಪಾಟೀಲರನ್ನು ಕೋರುತ್ತೇನೆ.

ಶ್ರೀ ಕೆ. ಎಸ್. ಪಾಟೀಲ:- ಮಾನ್ಯ ಅಧ್ಯಕ್ಷರೆ, ಸಭೆಯ ಸದಸ್ಯರೆ, ಶ್ರೀ ಕಂಬೋಜಿಯವರ ಕಲ್ಯಾಣ ರಜತ ಮಹೋತ್ಸವ ಸಮಿತಿಯವರು ಅವರಿಗೆ ಅಭಿನಂದನೆ ಸಲ್ಲಿಸಲು ಈ ಸಭೆಯನ್ನು ಏರ್ಪಡಿಸಿದ್ದಾರೆ. ಈ ಸಮಿತಿಯವರು ಈಗಾಗಲೇ ಅಭಿನಂದನಾ ಗ್ರಂಥವನ್ನು ಪ್ರಕಟಿಸಿದ್ದಾರೆ. ಅದನ್ನು ಅವರು ಇಂದು ಸಭೆಯಲ್ಲಿ ಬಿಡುಗಡೆ ಮಾಡಲಿದ್ದಾರೆ. ಅಭಿನಂದನಾ ಗ್ರಂಥವನ್ನು ಸಮಿತಿಯ ಅಧ್ಯಕ್ಷರಾದ ಶ್ರೀ ಕೆ. ಎಸ್. ಪಾಟೀಲರು ಬಿಡುಗಡೆ ಮಾಡಲಿದ್ದಾರೆ. ಅಭಿನಂದನಾ ಗ್ರಂಥವನ್ನು ಸ್ವೀಕರಿಸಲು ಶ್ರೀ ಕಂಬೋಜಿಯವರು ಸಭೆಗೆ ಆಗಮಿಸಿದ್ದಾರೆ. ಅವರನ್ನು ಸಭೆಗೆ ಸ್ವಾಗತಿಸಲು ಶ್ರೀ ಕೆ. ಎಸ್. ಪಾಟೀಲರನ್ನು ಕೋರುತ್ತೇನೆ.

ಸೂಚನೆ:- ಮೂಲ ಅಭಿನಂದನಾ ಭಾಷಣವನ್ನು ಇಲ್ಲಿ ಸೇರಿಸಿದೆ

ಅನುಬಂಧ - II ರಲ್ಲಿ ಕಾರ್ಯಕ್ರಮದ ವಿವರ ನೀಡಿದೆ

ಈ ಸಭೆಯ ನಡವಳಿಕೆಗಳ ಧ್ವನಿಮುದ್ರಣವನ್ನು ಪ್ರತಿಲಿಪಿ ಮಾಡಿ ಇಡಲಾಗಿದೆ.

The Sarpanch of Chhikmagadu., Dist. Dharwar, requests Govt. to give Electric~~ity~~ supply to their village ~~which is to be~~ brought from Jog Scheme.

P.W.D. may consider.

7/10

2004/36/66476

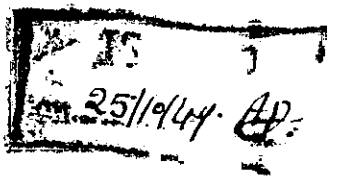
El.Br(I) P.W.D.

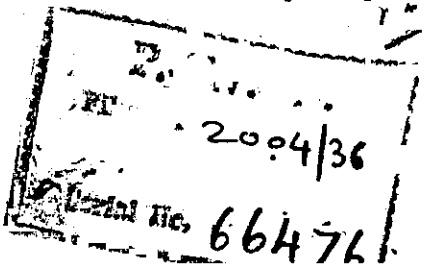
Acknowledged under No. 2004/36-El(I), dt. the 25-10-49.

20/10/49

22/10/49.

22/10





2004/36/66476

3150
25/11.

El. Br(I)

P.W.D.

Submitted.

2. The El. comnr. may be requested u.o. to state whether power from Jog can be made available to Chikmagadur and Karjagi of Dharwar Dist.

Mup
18/11/49

Kpp/u

Inform 19/11
u.o to the El comnr to send
by 22nd inst.

OFFICE OF THE
ELECTRICAL COMMISSIONER WITH
THE GOVERNMENT OF BOMBAY
Received 23 NOV 1949

S.E(Tr)
22/11

23/11.

75

Below U.O.R. P.W.D. 2004/36/66476 of 22.11.1949.

***** **

ELECTRIC GRID OFFICES.

Karajgi and Chikkamugadur are villages situated about 6 miles from Haveri. With the limited quantity of power available at Harihar for distribution in the Ranibennur - Haveri area, it will not be possible to supply power to these rural areas at present.

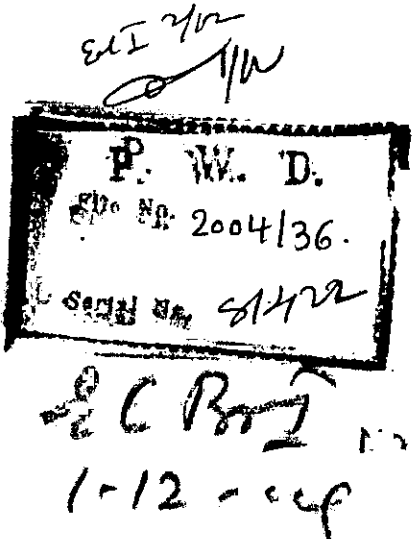
P731.
30/11/49.

The Secretary to Government,
Public Works Department,
Bombay.

U.O.R. No. T.8/1/ 20095

Bombay, dated 1st November/Dec., 1949.

MTB/30.11


P. W. D.
No. 2004/36.

77 2004/36/81422

Fe. Br. (I) P. W. D.

Submitted with ref to the c. n. at p. 7 ante. p. 9

2. In view of the note of the Fe. commr. the draft p. 13 put up for appl may issue.

16/12/49

16/12

16/12

~~13~~ 79 2004/36/81422.

No. 2004/36-EL(I). P. W. D.
B.C. (B'bay. No. 1),
30 ~~19~~ 16 Dec. 1949

To,
The Sarpanch,
Village Panchayat,
Karajgi & Chikkamugadur,
Taluka - Haveri, Dist Dharwar.

Subject:- Supply of Jog power to Karajgi & Chikkamugadur.

Dear Sir,

I am directed to refer to your letter, dt. the 23-9-49, pp. 67-69 on the above subject, addressed to the Hon'ble Premier and to state that, only limited quantity of power has been made available by the Mysore Govt ~~at present~~ at Harihar for distribution in the Radio-engineer-Haveri area. It is therefore regretted that it is not possible at present to supply power from Jog to Karajgi and Chikkamugadur.

D. A. - Nil.

Yours faithfully,

16/12/49

Issued.
31/12

Fil
31/12

PRESS NOTE.
Utilisation of Jog Power.

The question of supply of Jog power was discussed in conference at ministerial level with the representatives of the Government of Mysore. As a result of these discussions the Government of Mysore has agreed that (i) a minimum of 10,000 kW. will be supplied at Jog bus bars at the rate of 0.225 anna per unit and (ii) 1,500 kW. at Harihar subject to a minimum charge and period of contract for this power supply.

2. Government has decided that the power of 10,000 kW. available at Jog bus bars should be distributed to Sirsi, Dandeli, Hubli, Dharwar and Gadag and that of 1,500 kW. available at Harihar to Haveri, Byadgi, Ranebennur and for irrigation pumping at Airani, Tumminkatti, Chikkakuruvatti and Guttal. The Electrical Commissioner has been asked to submit the necessary detailed plans and estimates and other necessary steps to speed up the execution of the scheme hav been taken.

83

I find that negotiations re: securing electric motive power from the Mysore Government for electric energy generated at the Jog water falls began in May 1948 and that an agreement was ultimately arrived at in April 1949 under which the Mysore Government agreed to supply 10,000 kw. for use at Jog bus bars at the rate of 0.225 anna per unit and 1500 kw. for use at Harihar subject to a minimum charge and period of contract for this power supply.

A press note was issued on 13-8-49 intimating the public about the nature of agreement arrived at with the Mysore Government. I would like to know (a) what action was taken, if any, during the course of about one year while negotiations were going on i.e. prior to the date of the agreement, in the way of the proper planning both as regards staff as well as equipment for the utilisation of electric motive power likely to be made available, so as to expedite action soon as a decision was arrived at, (b) the steps taken in these regards since the agreement so as to be able to expedite the early use of the electric energy available to us from the Jog water falls station and at Harihar, respectively, and (c) the earliest time by which we should be able to begin utilizing the said electric power-indicating the extent thereof - and the time when we may be able to utilise the full load promised to us in the respective areas.

Very early remarks are requested. It should be our aim to prosecute this work at full speed. A planned programme of the work should therefore be submitted by the Electrical Commissioner as early as possible.

(20-9-49)

2009/36. # 84.

H Br (1) P.W.D.

D.N.

The note of the H.M., P.W.D. may be referred to the El commr. with the G of B for favour of very early remarks.

J.G.
5/10/45

OFFICE OF THE
ELECTRICAL COMMISSIONER WITH
THE GOVERNMENT OF BOMBAY
Inward No. 40687
Date 8/10

6/10/45.

For 6/10/45
Ref to the El Commr
with the G of B dt 8th Oct-1945.

SECT(1)
8/8/10

2009/36

2 (a)
85

Office of the Hon'ble Minister
for Public Works,
Council Hall, Poona, 11-10-1949.

The Hon'ble Minister for Public Works desires to know what further steps have been taken since last report to expedite the Jog Water Power Scheme.

P.A. to H.M., PWD.
11-10-49

12/10

Secy(?) 12/10

C.E.M.(?)

Below U.O.R., P.W.D.,No.2004/36 of 8th October 1949 regarding Distribution of Jog Power from the Mahatma Gandhi Power Station and Harihar to Hubli and other centres in Karnatak.

Electric Grid Offices

The note, dated 26th September 1949, from M.L.,P.W.D., was received by me on the afternoon of Saturday, the 8th instant.

2. The first conference with the Mysore Authorities took place on 22nd May 1948 and a comprehensive note containing the estimates and financial forecasts based on the decisions arrived at the conference were prepared thereafter and submitted to Government on 30th August 1948. In the meantime, while the Government were considering this note, estimates of cement, steel, etc. for the Scheme were prepared and submitted to Government on 15th December 1948 for securing priorities. Reaction of Government to this note was not known till about December 1948, when I learnt from a copy of their letter No.9282/36-El. of 28th December 1948 addressed to the Central Electricity Commission, Simla, that the Government had included the scheme for being accorded high priority along with the other schemes of the Bombay Government. Thereupon, immediate steps were taken by me in the way of planning, both as regards staff likely to be required as well as equipment likely to be wanted for the utilisation of the Jog Power, so that as soon as Government decision was known, action could be expedited. I also made proposals to Government - vide my letter No.T.8/1/20368 of 31st December 1948 about sanctioning the required design staff and authorising a procedure that would secure expeditious deliveries of plant and completion of the transmission line surveys.

3. The second conference of the Hon'ble Ministers of the Governments of Bombay and Mysore

Subj III
+ File no 2004/36 (Part no III) ub 189-203

took place on 10th February 1949; and as a result of the decisions taken at the conference, a revised note, viz. fourth note, was submitted to Government on 14th April 1949, containing the estimates and financial forecasts based on purchasing 10,000 kW. at Jog and 1,500 kW. at Harihar, and distributing the same in Karnatak. My proposals for staff and equipment were already with Govenment. They were returned to me for clarification with u.o.r., P.W.D., No.2004/36-El. of 5th April 1949. These clarifications were offered in my reply - u.o.r. No.T.8/1/6804 of 14th April 1949.

+ In file no 2004/36 63210 (Letter submitted to HM)

4. Pending the decision of Government, inquiries were made with different firms for suitable types of plant which could be obtained without much loss of time involved in preparation of designs and specifications, and for erection. An American firm in response to our request, submitted data informally on what are called "Package Substations", which are available in standard units and could be supplied and erected with minimum of delay. Informal inquiries were also sent for carrying out the surveys of the transmission lines and substation sites. In short, work was pushed on to the extent that was possible prior to the receipt of Government orders with the existing staff already fully occupied on other active works.

5. The staff required for the scheme was sanctioned by Government on 29th July 1949. I addressed Government sending requisition forms - vide my letter No.E.4(a)/13760 of 23rd August 1949 for appointment of the gazetted staff through the Public Service Commission, but so far, I believe, the advertisement for the posts has not appeared in the Press.

+ File no 1194/48 55544 (In E B I)

6. As regards the earliest time by which we should be able to commence the Jog Karnatak Scheme I may state that subject to the approval of proposals

in paras. 7 and 8 below, and Government approving my proposals for the purchase of plant and equipment - vide my + letter No. T.8/1/15659 of 26th September 1949, and the necessary currency being made available for the purchase of some limited materials from non-Sterling areas, I expect that the supply could be commenced soon after three years from now, i.e. say, by the beginning of 1953. I also feel that we may be able to use about 6,300 kW. in the first year of the commencement of supply.

+ 2004/36
63220
(Memorandum to H.M. series 26-11-49)

7. I have noted the wishes of H.M.P.W.D. that this work should be prosecuted at full speed. Everything possible will be done in this respect. The gazetted technical staff for which I have alread sent a requisition to Government, must be appointed as early as possible, for without it, the progress on the execution of the scheme will not be possible The existing staff is insufficient even for the works already under execution. I am submitting herewith a planned programme of the work, based on the availability of this staff from 1st December, 1949.

b 13

I have to emphasize that functioning of the programme will have to date from the availability of the staff. The date of 1st December 1949 mentioned above assumed that Mr. Halbe, who had been appointed Executive Engineer (Transmission) with recommendation of the Public Service Commission, and who has been negotiating with Government, will join before 1st December 1949. I have, however, just been informed that he does not intend taking up the post. The Transmission Section has now three vacancies of Executive Engineers and no one to fill them. The method of recruiting, through the Public Service Commission has been tried repeatedly, and failed, which is due mainly to the paucity of trained

technical officers in the country. I suggest that Government may approach Governments of Madras and Mysore - who have electrical departments of long standing - for loan of one officer each for a temporary period of two or three years to tide over our difficulty. The officers may be given upto the maximum of the scale of the Executive Engineer's pay plus usual allowances, but if that would not attract suitable men, higher salary may be agreed to. In addition to contribution of leave salary, this Government will have to pay pension contribution if the officers are in pensionable service, otherwise Provident Fund at the rates admissible to them in their parent Provinces. So far as is known here, services in both the Provinces are on pensionable basis and therefore the former alternative will have to operate. It is imperative that services of suitable men be secured without delay. The basic qualifications of these posts as advertised by the Public Service Commission are enclosed. They may be communicated to the two Governments. However, officers with different qualifications, but suitable for the duties, will be acceptable.

8. It is to be further mentioned that the programme assumes that the public tender method will be waived to expedite this work. The following method is intended to be followed :-

(1) For the transmission lines - Open tenders were invited for South Gujarat lines less than six months ago. It is proposed to make use of these offers to arrive at the most suitable equipment for the Jog line. The South Gujarat line is 66 kV. whereas Jog is 110 kV. and therefore negotiations will have to be carried out on basis of unit prices. Government sanction for placing orders will be applied

for when the final prices are arrived at.

(2) For substations- It is intended to issue an enquiry stating service required and operating conditions to 4 or 5 selected American, Swiss and British firms, and invite them to quote their standard line of equipment which they can deliver in minimum time. On receipt of offers, maximum adjustment will be made between the requirements and equipments and recommendations made to Governmen for placing orders.

9. The scheme, as will be seen from the programme, is estimated to commence operation in about 3½ years, which is the minimum period under the present abnormal circumstances. In Madras, where the Electricity Department is 22 years old, it has taken 3 years to bring a similar scheme partially in use - vide my u.o.r. No. H.8/16572 dated 10th October,1949.

Secy. to Govt.,
P. W. D., Bombay.

U.o.r. No. T 8/1/17130
Bombay 1: 19 - 10 - 1949

a/17.10.49

JOG - KARNAT

CONSTRU

Note:- The Programme is based on
technical staff will

S.No.	Particulars.	Date of calling for tenders.	Date of Receipt of tenders.	Date of Submission of Proposals to Government.	Date of Approval by Gover - ment.
1	2	3	4	5	6
1	Transmission Line Route Surveys.	30- 9-49	20-10-49	5-11-49	20-11-49
2	Transmission Line Construction (110 kV & 33 kV.).	1- 2-50	1- 6-50	1- 7-50	1- 8-50
3	Sub-stations including erection.	1- 4-50	1- 8-50	1- 9-50	1-10-50
4	Distribution Line Construction(11 kV).	1- 6-50	1- 9-50	1-10-50	1-11-50
5	Civil Engineering Works.	1- 4-51	1- 7-51	1- 9-51	1-11-51
6	Acquisition of Land.	-	-	1- 3-51	

HBK/18.X.49

ECTRIC GRID SCHEME:

PROGRAMME.

assumption that all the necessary higher
de available before 1 - 12 - 1949.

te of acing orders.	Date of Commencement of construction works.	Date of completion of works.	REMARKS.
7	8	9	10
1-12-49	1- 1- 50	1- 1-51	This is based on work being carrie out by contractors.
1- 9-50	1- 6- 51	31- 3-53	This is based on Towers, Conductors & Insulators being obtained from Italy or France.
1-11-50	1-10-52 ~~1-1052~~	31- 3-53	This is based on "Unit substations" being obtaed from U.S.A.
1-12-50	1-12-51	31- 3-53	
1- 1-52	1- 3-52	31- 3-53	This is based on work being erusted to contractors.
		1-12-51.	TS is to be done partmentally.

H 99

RECRUITMENT OF EXECUTIVE ENGINEER
FOR TRANSMISSION SECTION.

****

(A) 1. Name of post :- One Executive Engineer (Electrical & Mechanical) required for Design of the Jog Scheme.

2. Qualifications :- A degree in Electrical Engineering from a recognised University or a Diplor in Electrical Engineering from the Indian Institute of Science, Bangalore or of any institution of similar status. Preference will be given to those who are also Members or Associate Members of the Institution of Engineers, India, the Institution of Electrical Engineers, England or American Institute of Electrical Engineers.

3. Training and Experience :- Candidates should have practical experience of various fields of Electrical Engineering of not less than ten years at least five of which should have been spent in a position of responsibility connected with designing, erection, and maintenance of high (66 kV and over) and low tension transmission and distribution systems

4. Duties :- To assist the Superintending Engineer (Transmission) in the work of designs, construction and maintenance of large high (66 kV and over) and low tension transmission and distribution systems.

(B) 1. Name of post :- Executive Engineer (Electrical required for Operation and Maintenance of the North Gujarat Electric Grid Scheme.

2. Qualifications :- A degree in Electrical Engineering from a recognised University or a Diploma in Electrical Engineering from the Indian Institute of Science, Bangalore or of any institution of similar status. Preference will be given to those who are also Members or Associate Members of the Institution of Engineers, India, the Institution

of Electrical Engineers, England or American Institute of Electrical Engineers.

3. Training and Experience :- Candidates should have had practical experience in the variou fields of Electrical Engineering of not less than ten years, at least five of which should have been spent in a position of responsibility, connected with Operation and Maintenance of large E.H.T. (66 kV and above) and L.T. Transimission and distribution systems.

4. Duties :- To be in charge of Operation and Maintenance of large E.H.T. (66 kV and above) and L.T. transmission and distribution systems and be responsible for their efficient working.

****

MTB/18.x

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2004/36/63074

P. W. Deptt.

~~21.12.49.~~

Submitted with reference to the H.M.'s note, dated the 26-9-49.

2. Subject to the following steps being taken and the necy. currency being made available for the purchase of some limited materials from non-sterling areas the El. Commr. expects that the p. supply could be commenced soon after three years from now i.e., say by the beginning of 1953.

(i) Approval to his proposals for the purchase of plant & equipment.

(ii) Appointment as early as possible of the Gazetted technical staff for which he has already sent a requisition to Govt.

(iii) Public tender method be waived to expedite the work.

3. Reg. (i) :- The proposals are under submission to the H.M. in file No. 2004/36/63240, since 26-11-49.

4. Reg. (II) :- The requisitions for the staff have already been sent to the P.S.C. and that body has been requested to advertise the ~~portion~~ posts in G.G. No. 1154/48-E(I), dt. 27-10-49. The recommendations of the P.S.C. are awaited.

+ 9m EB(I) W.L. No 1184/48

5. The El. Commr. has reported that transmission section has now three vacancies of Ex. Engrs. and no one to fill them. He suggests that instead of filling them up through the P.S.C., (which method has been tried repeatedly and failed mainly due to the paucity of trained technical officers in the country) Govt. may approach Govts. of Madras and Mysore, who have electrical departments of long standing, for loan of one officer each for a temporary period of two to three years

to .....

1004/32
69074

F 104

to tide over the difficulty. This suggestion is being put up for consideration separately on the relevant file. + EB(I) Spl file No 1184/48

3. Reg. (iii) :- This is linked up with item (i) and may be considered along with that.

9/12/49

Hq EB. (I).

Hq 9/12/49.

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3 Sec. 9/12/49.

+ To please retain copies of hps 1-2 & 3-11 kept below for necessary further action reg: the allott of the staff

Copies retained. 1 1 9/12/49

DS

Secy

H.M.P.W.D.

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20 105 2004/36

Mr.M.Hayath, Chief Electrical Engineer, Mysore Government told me that an Agreement was arrived at between the Mysore and the Bombay Governments somewhere in 1935 - about the supply of 5,000 kw. electric energy from the Jog Power House at cost plus certain percentage either already agreed upon or to be agreed to by the two Governments and he was anxious to know the date from which the supply then agreed upon was likely to be taken. All the machinery and equipment necessary to let us have the current ~~from now~~ much has been set up. The Mysore Government has thus incurred a lot of expenditure to meet our requirement as agreed upon somewhere in 1935. It would seem a great pity if all this money remains locked up which would be the case if the Bombay Government fails to take up the electric energy it had agreed to take. I would like to know the nature of the Agreement as entered into between the Mysore and the Bombay Governments in or about 1935. In case we had agreed at the time to accept electric energy upto 5,000 kw. at cost plus certain price, I would further like to know what steps we have taken to carry out the Agreement both in spirit and in action.

It may be added that the second agreement entered into with the Mysore Government early this year is for a total supply of 10,000 kw. (i.e. inclusive of 5,000 kw. previously agreed to) from the Jog Power House and 1,150 kw. at Harihar. The Mysore Government is now able to let us have the 10,000 kw. supply from the Jog Power House. As regards the supply of 1,150 kw. at Harihar the same could be had within a few months.

Camp : Jog,
17.12.1949.

P/19/12

OFFICE OF THE
ELECTRICAL COMMISSIONER WITH
THE GOVERNMENT OF BOMBAY
Card No 49686.
Dt. 19-12-49.

Urgent

The Electrical Comm may see for favour of his remarks; this might be discussed with HCR on 22/12 in the afternoon.

19/12/49

Mr. Chief Engr. 19-12-49

POWER SUPPLY FROM JOG

--

When the Jog Hydro Electric Development proposal was under negotiation in 1929-30, the basis of discussion (vide letter of Mysore Durbar to the British Resident, dated 27-4-1929) was a report of Mr. S.G.Forbes,which visualised a development of 20,000 E.H.P., out of which 5000 E.H.P could, if desired, be supplied to Bombay, at a "reasonable price to be mutually agreed upon", (vide No. 1911/27 M, of 14-5-1930). It has also been agreed, vide minutes of conference between Bombay and Mysore officers, held on 23-12-1930, that any extensions would be by arrangement between the two Governments (vide end of para 4, page 226, of P.W.D.file No. 1411/27-I(1928)). The first stage of Jog Power Scheme was sanctioned for 32,000 H.P. in Mysore Government G.O.No. P.W.2383-96-S, of 27-10-1941, wherein in para 4, it is mentioned that the Government of India have assented to the Scheme on the understanding that 5000 E.H.P. will be given to Bombay if required and a minimum quantity of water let over the falls in the dry season. There is no record whether the Government of India consulted Bombay Government before assenting to development higher than originally intended, nor for the matter of that, what the exact terms of the assent are - they are merely mentioned in Mysore Government order of 27-10-1941. Subsequently, Mysore Government merely communicated their order of extension increasing the capacity to 64,000 E.H.P. (vide their order No. P.W.8513-26, dated 19-5-1943, at page 161 of P.W.D. file No. 2004/36.I (1937-45). It is now understood that they have decided on further extensions raising the capacity to 128,000 E.H.P.

or thereabouts. But so far as information available in this Department goes, no prior concurrence of Bombay Government has been secured. If such a concurrence had been sought, Bombay Government might have taken the opportunity to insist that their request (vide letter No. P.W.D.B.C.,2004/36-121, dated 25-9-1939) for reduction of the rate per unit must be agreed to and that additional power if required must also be supplied at a suitably lower rate.

Rates of Supply

2. The Mysore Government in their letter dated 22-11-1938, have stated that they would supply power to the extent of 5000 E.H.P. at 0.25 anna/unit. Bombay Government pointed out, in their letter No. P.W.D.B.C.2004/36-121, of 25-9-1939, that this rate was high and requested for a reduction in rate to 0.125 anna/unit. In reply, the Mysore Government regretted that they cannot reduce the rate in their letter dated 9-12-1939.

Bombay Government in their letter No. P.W.D., B.C.2004/36, of 13-12-1943, to the Hon'ble Resident in Mysore, acknowledged receipt of the Mysore Government orders extending the Jog Power Scheme to generate 64,000 H.P., vide their G.O.No. P-W.8513-26, of 19-5-1943, and informed them that they (Bombay Government) were reviewing the position regarding this project and would communicate with Mysore Government further on the subject later. But no further correspondence seems to have ensued in this connection.

During the conference between the H.M., Forests & Agriculture of Bombay, and H.M. for Law and Labour of Mysore, held at Bangalore on 22-5-1948, it was

suggested that for preparation of a scheme a rate of 0.2 anna/unit may be assumed and subsequently any reduction that would be available if the power is obtainable at 0.15 and 0.125 anna/unit could be calculated. The Minister for Law & Labour, Governmen of Mysore, assured the Bombay delegation that he would view the subject under discussion with utmost consideration and try his best to make power availabl to the Government of Bombay at the lowest rate possible (vide page 5 of the minutes of the conference). Thus the above conference resulted almost in a promise for power supply from Jog at not more than 0.2 anna/unit. But the letter from the Secretary to Electrical Department of Mysore Government (letter No. EDS/885/Elec.179-47-9, of 25-11-1948) mentioned the original rate offered by Mysore Government, viz. 0.25 anna/unit at Jog.

3. A conference was held in Bangalore on the 10th of February last between the H.M., P.W.D., H.M., Agriculture, Bombay, and the Mysore Ministers. At this conference, Bombay delegation stated that their scheme of transmission and distribution was based upon the availability of about 30,000 kW at Jog. At the previous conference held on 22nd May 1948 at Bangalore, it had been agreed by Mysore Government representatives to give 10,000 H.P. at Jog and it had been stated by Mysore Government that this may be raised to 10,000 kW. The Bombay delegation pressed that at least 10,000 kW be made available at Jog as soon as the Bombay transmission system was ready in 3½ to 4 years. They requested that if at all possible, the quantum should be raised to 15,000 kW. The Mysore delegation finally agreed that 10,000 kW

would be supplied at Jog and that, if it was at all possible to supply more power, Mysore Govemment would do so. The Mysore delegation mentioned that the demand for power in Mysore territory was great and practically all the power from the proposed second station had been tentatively allotted. They, therefore, recommended that Bombay should take steps to develop Kalinadi for their further requirements of power.

Mysore Government also agreed to supply 1500 kW power at Harihar.

4. As regards the charges, Bombay delegation suggested that the power at Jog should be supplied at the cost of generation plus 5%. Mysore Government declined to accept this and ultimately decided to sell power at a fixed rate of 0.225 anna a unit.

As regards charges for power at Harihar, they agreed to charge the rate which they had agreed to charge Madras Government for power delivered at Ujjini which was communicated to Bombay Government in their letter No.EDS.1885/ Elecl.179-47-9, dated 25th November 1948. They also stated that they will communicate to Bombay Government the minimum charges to be levied for power at Harihar. This communication, despite reminders, has not been received from Mysore so far.

ARK.20.12.49.

Below P.W.D. u.o.r. No.2004/36 dated 19th December,1949.

Electric Grid Offices.

There was no formal agreement between Mysore and Bombay Governments in 1935 about the supply of power. When Bombay Government agreed to the development of Jog by Mysore, the understanding was that Mysore will supply 5,000 H.P. (not K.W.) to Bombay Government at a reasonable price and not at cost plus a percentage. At the conference held in the beginning of the present year, Bombay representatives pressed that the supply should be much bigger than originally contemplated and it should be on cost plus percentage basis. This was not agreed to. A short note on the negotiations with Mysore Government so far held is attached.

B.S.A.
20/12/49

Secy. to Govt.,
P.W.D., Bombay.

U.o.r. No.T/8/1/21595-
Bombay 1: 20-12-1949.

Encl: 1 note.

a/20.12.49

Have Mysore exclusive rights to Mr Jall & power at this place?
Pl speak
21/12

H.M. may see.
21/12

H.M.
21/12

This is explained in Ha-167-165 of F. No. (Flag A)
21/12

Memorandum submitted to Hon'ble Dr.Jivaraj Mehta, Minister for Public Works Department, Government of Bombay by the Karnatak Chamber of Commerce, at Hubli on 14-12-1949.

* * * *

The Chamber takes this opportunity to submit the following grievances of Karnatak for favour of your immediate consideration and necessary action. The popular feeling on these issues is very strong and persistent, and therefore further delay in these solution would be viewed with great dis-satisfaction and disappointment.

I. JOG-HYDRO ELECTRIC POWER.

Nearly 4 years have elapsed since the first agreement was made with the Government of Mysore, to secure power from the Jog-Hydro-Electric station to the Karnatak Districts. 2 surveys were conducted by the Government of Bombay to assess the load demand and the Chief Conservato of Forests, Utilization and Engineering Circle, Poona Mr. T.K.Mirchandani, M.B.E., B.E., A.M.I.E., was appointed in 1947 to report to Government regarding (a) the state of existing industries and scope for new industries in the Karnatak region and (b) possibilities of utilising to the maximum possible extent the electric power which can be made available from Jog project etc. This officer has submitted his report recommending that power should be made available from Jog, and that the Kalinadi scheme should be shelved for the present. In the beginning of this year, Government further negotiated and secured from the Mysore Government a larger block of power at a reduced rates. It was vaguely reported in the papers, that Government had sanctioned the project. But nothing concrete is known regarding the progress of its execution. But since no funds have been provided for the execution of this scheme in the current year's budget, it is presumed by the public that no action is being taken to implement the recommendations of the Special officer

...2.

officer appointed by Government themselves.

The Chamber wants to emphasise the urgency of cheap Hydro Electric Power which has become a factor of vital importance in the context of the prevailing economic conditions in our country. Immediate supply of power would:-

i) assist the 'grow-more food' work by enabling the growers to instal pumps for lift irrigation on an extensive scale,

ii) sustain the existing industries and encourage the further development of small scale industries in particular,

iii) save valuable foreign exchange which ~~is~~ at present is being spent on engines and fuel oils and

iv) ~~would~~ extend employment and raise the level of economic conditions of an industrially and economically backward region in the Bombay Province.

The Chamber, therefore, would urge your goodself not to allow any further delay in making power available to this part of the province, consistent with the policy of the Government of India to increase food production and economise foreign exchange. The public of Karnatak deeply trust that your honour will be pleased to give your immediate consideration to this demand.

II. OVERBRIDGE BETWEEN GADAG-BETGERI.

There has been a proposal since several years, to construct an overbridge between Gadag and Betgeri which are divided by the Railway lines to avoid considerable inconvenience that is now being caused to the public of these places due to closure of the gate at the level crossing intermittently. In consequence the traffic of a kinds, is held up for considerable time. The Gadag Municipality has been urging the Government of Bombay to undertake the construction of the bridge, and the M.& S.M Railway has agreed to pay its share of expenditure.

Traffic surveys by the Railway, and Government have been taken, and even rough estimates of the Project have been prepared by the Railway.

The work has not been executed so far only on account of the unwillingness on the part of the Government of Bombay to pay its share of expenditure.

The Chamber have to request your honour kindly to move Government and secure funds for the execution of this Project for its obvious advantages.

III. NEERSAGAR SCHEME.

The above scheme when executed is expected to solve the problem of unfailing water supply to Hubli and Dharwar. The progress of its execution has been very slow and discouraging.

It is learnt from the Public Health Engineer to Government, that the revised estimates for the earthern dam and waste-weir which are in excess~~s~~ about 30% are awaiting Government's sanction and orders for pumping machinery are yet to be placed by the Director of Industries and Stores Purchasing Officer, Bombay.

The Chamber would like to request that standing orders should be issued by Government to all the officers concerned, to execute their work with utmost expedition in view of the scarcity of water supply to Hubli and Dharwar ~~Gadag~~ Cities, which has been causing inconvenience and anxiety to their residents.

IV: KARWAR - HUBLI - GADAG ROAD.

The above road with a very heavy traffic is very badly maintained by the P.W.D. authorities, and motorists find it at places dangerous to pass on this road. In view of the road being provincial with considerable traffic, it is requested that it should be kept in the best condition at all times in the year. It is hoped that your honour will issue necessary instructions in this behalf.

V. HUBLI - KARWAR RAILWAY.

It is learnt that the Board of Communications, have deferred the consideration of this proposal, pending the decision of the Government of India on the report of the Kasturbhai Lalbhai Committee ~~Report~~ on the development of a major port between Marmugoa and Cochin. It is the view of this Chamber, that irrespective of the possible selection of Karwar as a major port for development it should be linked to Hubli. It is admitted on all hands that the vast forest produce of Karwar district cannot move in time and economically owing to the paucity of Rail or Road transport facilities in this district. A proper case has been made out by the Chamber's representative on the Board of Communications, and the Chamber would like to take this opportunity to urge your goodself to persuade the Board of Communications to recommend to the Government of India, to undertake the necessary surveys to connect Hubli and Karwar by rail.

Hubli
Dt/- 14-12-1949.

1. S.S. Yelamali
2. [illegible]
3. S.A. Manvi
4. K.P. Sadar
5. [illegible]
6. [illegible]
7. C.S. Kempanna
8. V.K. Kamlekar
9.
10.

* * * * * * * *

El. Br (I). P.W.D

Two copies given to

M.B. 14.1.50

& C.B.(I) 14.1.50

each for necessary action

secy. -- alely with reference

to their secy's orders on

p. 1 ante viz

. subject & items III & V &

II & IV respectively.

14/1/50

El(I) & MB & C(I)
27/12

P. W. D.
File No. 2004/36.
Serial No. 8856

EE Br I, MB
& C.B. I
27/12/57

2004/36

88516

Elt. Br (I). P.W.D.

P/L see the H.M's note p32 of the 24-12-49 & the Secy's order, p32 of the 27-12-49 on the memo Wb 32-38 submitted to the H.M. P.W.D by the Karnataka Chamber of Commerce on 14-12-49.

2 copies of the memo have been given p.39 to M.B & C.B (I) for necessary further action with reference to the Secy's orders in so far as items III & IV & items II & IV are concerned. In view of the H.M's note p32 no specific action is necessary on item (I) of the memo. reg: Jog Hydro-electric power.

Sd/-
14/1/50
Dy

D.S.

14/1/50

File in Br
16/1

(Reference the Secretariat note at slip 'R' below.)

I talked to the Chief Secretary to the Government of Mysore (Mr.Srinivasan), the Secretary, P.W.D., and Mr. Hayat, Electrical Engineer to the Government of Mysore. Mr.Hayat promised to look up his files and expedite the communication to th Government of Bombay of the minimum charges for the supply of 1,500 kilowatts of electricity from Harihar. Regarding the period of contract, he mentioned that the economical period is ten years. Any period short of this would cause loss to the Government of Mysore. Regarding the supply of electricity in greater quantities, viz., more than 10,000 kilowatts from Jog and 1,500 kilowatts from Harihar, there does not seem to be any reasonable chance of getting any extra supply at the present moment. But all the three agreed that, in case surplus electric energy is available after meeting the requirements of the Government of Mysore, that Government will only be too willing to give the highest priority to Bombay for the supply of a larger quantity than 10,000 kilowatts at Jog and 1,500 kilowatts at Harihar should the Government of Bombay require it. H.E. also talked to the Honourable the Chief Minister, Mr.K.C. Reddy and to Mr.Hayat and they mentioned the same matter to him.

24/1/50

C.S., P.& S.D.

Secretary P.W.D. may please see also the note of P.S.G. & H.A. P.W.D. at H.A (A) & Finance

2004/36

128

El. Br (I).

P.W.D.

The P.S.C.'s note overleaf is submitted for information vide chief secy's note overleaf.

Sd/
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Kj 1/2/50

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Secy

H M P.W.D

H M Agri. & Forests

Sd/
4-2-50

Forwarded
6/2

Fd u Br
6/2

6/2

3 u/o

6/2

Kj 6/2

Electric Grid Offices,
Peerabhoy Road,
Bombay 1: 24th January 1950.

No.E.3/2464 " Under the powers vested in Government (1) 93

Notification, P.W.D., No. 2145/36, of the 5th February 1949, Mr. A.V.Bhimrao, Junior Engineer (El. & Mechl.), Electric Grid is appointed to officiate as an Assistant Engineer (Electrical & Mechanical), Electric Grid, in the post of an Assistant Engineer (Elecl. & Mechl.), sanctioned in Govt. letter, P.W.D., No. 2004/36-El, dated 29-7-1949.

He is posted to work under the Superintending Engineer (Transmission), Electric Grid, Bombay."

Electrical Commissioner
with the Government of Bombay.

To

1. The Accountant General, Bombay.
2. The Manager, Government Central Press, Charni Road, Bombay 4. It is requested that the Notification may please be inserted in the next issue of the Bombay Govt. Gazette.
3. The Secretary to Government, Public Works Department, Bombay, for information (in duplicate).
4. The Superintending Engineer (Transmission), Electric Grid. The taking over charge report of Mr. A.V.Bhimrao may be forwarded to this Section for further disposal.
5. The D.A..
6. Mr. A.V.Bhimrao, Junior Engineer.

AMK.24.1.50.

2004/36/15

EB(1)

Submitted for information

2. The necessary note has been taken in the secondary [illegible]

3. The draft endt put up for approval may issue.

T.O. 2.50

T.3.

D.S. (ha, sea)

2004/36/75/2.

P.1

[Below copy of Notification No. P.3/24664, dated the 24-1-1950 from the Elect. Commr. with the Govt. of Bombay, Regarding promotion of Mr. A.V. Bhimrao, as Asstt. Engr.]

P. W. D.

B.C., (Bbay No. 1), 8th Feb. 1950.

No. 2004/36 – E(I)

Copy forwarded to the Secy, Bombay P.S.C. for information.

P.1 to be typed, Pl.

2. The case of Mr. A.V. Bhimrao will be refd. to the Commission if he is likely to continue as offg. Asstt. Engr. beyond one year.

E.T.O. 9-2-50.

ISSUED 9/2/50 POST

D.S.

9/2/50

7/2/50.

File

10/2/

153 Electric Grid Offices,
Bombay, 25th January, 1950.

To

The Electrical Commissioner with the Govt. of Bombay,
Bombay.

Through: The Superintending Engineer (Transmission)

Dear Sir,

Under the instructions of S.E.(Trans.), I am taking over charge as Offg. Asstt. Engr. (M & M), this day forenoon.

Yours faithfully,
Sd- A.V.Bheema Rao,
Jr. Engr.

No. E.3/ 618
Electric Grid Offices,
Foreshore Road,
Bombay, 1. 4 February, 1950.

Forwarded to the Accountant General, Bombay, with compliments. The three specimens of Mr. A.V.Bhimrao's signature are sent herewith for record.

for Electrical Commissioner
with the Government of Bombay

Copy forwarded with compliments to Secretary to Govt. of Bombay, P.W.D., Bombay, for information in continuation of this office order No. E.3/24664 dated 25th January, 1950.

Divisional Accountant.

DSM/3-2.

File No 2004/36
7 rec'd
will be put up if req'd.

2004/36/9660.

2 / 134

P.W.D.

E.B.(I).

Note and record.

ETO.
9-2-50.

10/2/50.

S.A.E

2

9/2

7:2:50
10/2/50.

E/ EBI 8/2

P. W. D.
File No. 2004/36
Serial No. 9660

Very Urgent.
Letter.

T-8-S.11 1949

No.~~T.8/1/~~
Electric Grid Offices,
Foreshore Road,
Bombay 1 : 26th November, 1949.

To

The Secretary to Government,
Public Works Department,
Bombay.

Sub:-Jog-Karnatak Grid Scheme -
Survey of Transmission Lines.

I invite reference to Government letter No.2004/36-El. dated 29th July, 1949, wherein they had accepted my proposals for the distribution of Jog power in certain townships and irrigation centres of the Karnatak area. As approved by Government in para.4 of the letter, I invited tenders from leading firms for the work of carrying out surveys of the various transmission line routes. In response to the above, quotations were received only from three parties, viz. 1) Messrs. Ghosh & Co., 8, Raja Sitaram Road, Calcutta, 2) Messrs. The Hind Constructions Ltd., United India Building, Sir Pherozshah Mehta Road, and 3) Messrs. The British Insulated Callender's Cables Ltd., Bombay.

2. A comparative statement (p 37) tabulating the various tenders and tenders in original (pp 3, & 31) of the various parties are attached herewith. It may be seen that the tender of Messrs. Ghosh & Co. is the lowest, and the period of completion of ~~six~~ ten months is also satisfactory. I, therefore, recommend that the tender of this firm be accepted. This firm has done civil engineering surveys in other parts of India, and appear well-equipped for the work.

3. Their ~~The~~ tendered rates are as under;-

1) Rate per mile for survey of 110 kV line -

a) In open country ... Rs.214/-

b) In semi forest country.. " 490/-

c) In forest country ... " 700/-

2) Rate per mile for survey of 33 kV line -

a) In open country ... Rs.200/-

b) In semi forest country.. " 475/-

c) In forest country ... " 675/-

3) Cost per trial pit - ... Rs. 20/brass of excavation.

4) Cost of collection of information for cost of jungle clearing and compensation. " .10/- per forest country/per mile. " 20/- for open country/per mile

5) Rate per acre for surveys of sub-station sites with block levels	...	Rs.15/- open country. " 20/- in semi forest. " 25/- in forest.
6) Cost of supplying and fixing bench marks.	...	Rs.15/- in open country. " 20/- in semi forest. " 25/- in forest.
7) Cost of fixing theodolite pegs every 1/2 mile	...	Rs.6/peg.

The expenditure that is likely to be incurred during the current year will be reported in January, 1950 to obtain a supplementary grant.

4. The terms of payment asked for by the Company are as under;-

a) "Regarding payments, it is agreed mutually that we shall have a part payment of Rs.70/- per mile after completing reconnaissance of 110 kV lines and Rs.50/- per mile after doing the same in respect of 33 kV lines; thereafter, monthly payments according to mileage of the detailed survey will be made. From each payment, a deduction of 10% will be made, which will be paid in a lumpsum after satisfactory completion of all works".

b) "We agree to deposit a security money equivalent to 2½% of the estimated total cost of the work, and also furnish a solvency certificate before commencement of the work".

5. As the remaining working season is of a relatively short duration, I request that very early orders of Government may please issue, if possible within a fortnight, authorising me to accept the tender of Messrs. Ghosh & Co., and terms of payment for the proposed surveys.

The original copies of the enclosures may please be returned, when done with.

...

P B Advani

E1(1) 28/

Electrical Commissioner
with the Government of Bombay,

Encls:-
1) Tender of Messrs.Ghosh & Co. dated i)10-10-49.
... ii)17-10-49.
iii) 5-11-49.
iv)22-11-49.
2) " " " Hind Construction Co.
No.M/82/2930 of 19-10-49.
3) " " " B. I. C. C. Ltd.No.3567 of 20-10-49.
4) Comparative Statement.

P. W. D.
File No. 2004/36
80/82
Serial No. 8016

26-11-49

~~42~~ 137 2004/36/50182.

El. Br. II. P. W. D.

In G.L. No. 2004/36-El., d. the 29-7-49, Govt. has agreed to the the El. Comm'rs. proposals (i) to entertain certain additional staff for the work on designs, specifications and estimates of the distribution of Jog power scheme and (ii) to entrust the work of survey of transmission lines for the scheme on contract to a private firm of surveyors, whose quotations are most suitable. The El. Comm'r. was further asked under the above G.L. to report in January 1950, the expenditure that will be incurred during the current year in order to enable Govt. to obtain a supplementary grants under the head 52-A for establishment and under 81-A for equipment and survey. A sum of Rs. 10 lakhs is also proposed to be provided as a new item in the next years Budget for the Jog-Karnataka Grid Scheme.

* will be put up if required

2. In his letter within, which is self-explanatory, the El. Comm'r. requests Govt. to authorise him —

(a) to accept the tender of M/S. Ghos & Co. for the survey of transmission lines for Jog-Karnataka Grid Scheme, the total cost being about Rs. 98,000 as mentioned in column 11 of the statement on p. 37 ante;

(b) to accept the terms of payment for the proposed surveys as mentioned in para 4 of —

of the El. Commrs. letter within.

3. The El. Commrs. proposals may be accepted in consultation with the F.D. which deptt may please treat the case as Very Urgent. Necy. draft will be put up for approval on return of the papers from the F.D.

ABS
10-12-49

Two' AB (III) & DEC')

10/12/49.

DS

Ry
10/12/49.

K/14/12/49

Secy) → [illegible]

no.

V. urgent
no. to Fin Deptt S 13.12.49

PWRS
13/12/49

Finance Deptt.
PWR I

Pl. see para 4 of C.L PWD 2004/36-E1 dated 29th July 1949. The PWD proposes to accept the lowest tender for the survey of transmission lines. The total cost is Rs. 98,000. The proposal may be agreed to.

2. The terms of payment indicated in para 4 of Commr's letter d: 26.11.49 may also be approved.

Dra.
22.12.49

3. The approximate cost of survey of transmission line for Jog Karnatak Electric Grid Scheme is Rs. 98,000. The total cost of Jog Karnatak Scheme is approximately Rs. 4.2 Crores, and a

-Thro' Sht
D.S.(FR.)

Vide ff / ... s'pt A
f.s (Finance).

45

@ vide item 95 on p. 81 of Stat. proposition (Part II).

new item for Rs. 10 lakhs for distribution of Jog Power in Hubli & Haveri areas has been put up for next year's budget, under the head "81-A - Capital Outlay on Elec. Schemes". As the P.W.D proposes to start survey work during the current year, it will be necessary to anticipate L.A.'s approval. Since this involves supply demand, the papers will have to be submitted to E.P.C. It is not clear from the papers whether the E.P.C. has agreed to the expenditure of Rs. 95000 being incurred on survey work. The P.W.D may therefore be requested to clarify and if it is found that E.P.C's approval has not so far been obtained, the papers will have to be submitted to the Committee before issue of orders. The P.W.D may be informed accordingly.

24.12.49

27/12/49

El I/29/12

S.E./Dy. Secy (P&R)

P. W. D.
File No 2004/36
Serial No. 88542.

This was put up to E.P.C which agreed to the proposal of cart Tandem. As in paras 1 to 2 above

27/12

El I

27.12.49

W.O. W.P.D. dated 27.2.49

47/141 2004/36/88542.

El. Br. (I). P. W. D.

Submitted with refee. to the O.N. on pp. 43-44 ante, which explains the facts of the case.

2. In view of Dy. Secy. F. D's. note at "A" on p. 45 ante, the El. Commr's. request in his letter pp 41-42 within may be accepted as per draft put up, if approved.

Thro' AB (III) & DE (I).

30/12/49. 30-12-49 30/12/49.

DS. Secy. HM P.W.D. (after sine)

30/12/49

31/12

Jnm 13/1/50

49/143

2004/36/88542.

Letter.

A complete copy may be given to Comptroller Karnatak

P. W. D.

B.E. (Bombay No. 1),
31st Dec. 1949.

No. 2004/36-El.(I)

To

The El. Commr. with the G. of B.

Sub :- Jog-Karnatak Grid Scheme—
Survey of transmission lines.

Refce :- Your letter No. T-8-5-1/19819, 1-p 41-42

dated the 26-11-49.

2. You are authorised to accept the tender of M/S. Ghosh & Co., Calcutta, for the survey of transmission lines for Jog-Karnatak Grid Scheme, at an estimated cost of Rs. 98,000/- and on the terms of payment, mentioned in para 4 of your letter quoted above. 1-p 42

3. The expenditure is authorised under the head "81-A-Capital Outlay on Electricity Schemes — P.W.R.&D.P." in anticipation of the L.A's. approval. The actual amount required in the current year should be reported in February 1950 to enable Govt. to obtain a supplementary grant.

A

By Order etc.

Copy —

DA - Nil

Accounts. recd. with El. comm's. letter under reply handed over personally to one of his clerk on 6-1-50.

Recd on 6/1/50

6/1/50

2004/36.

50

Copy, with copy of the El. Commr's.

letter under reply, forwarded to —

the F. D.,
the A. G. Bombay (thro'-the F. D.),

for information.

ASS
30-12-49

Orders issued after consultation with,
Finance Department.
Notes remain with this Department and can
to seen when required.

with copies refd to
ISSUED
on 3/1/50 RBK

25.

Letter.

No. T.C/S-1/21483
Electric Grid Offices
Foreshore Road,
Bombay 1: 19th Dec. 1949

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject:- Jog - Karnatak Electric Grid Scheme
Survey of Transmission lines.

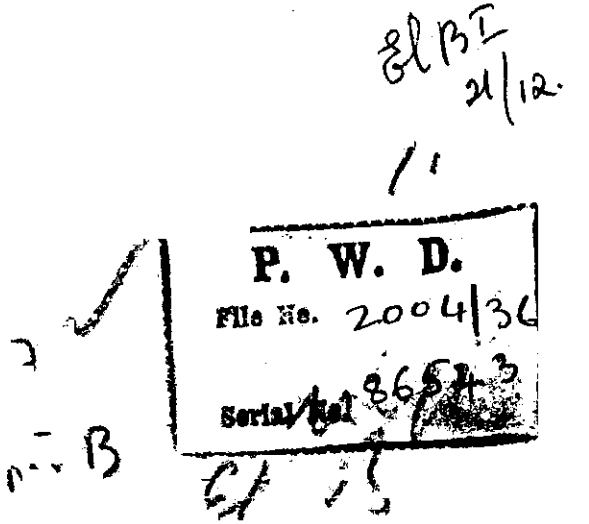
I invite reference to this office letter No.T.C/S-1/[illegible], dated 26th November 1949 on the subject noted above and have to request you to kindly move Government, to issue, very early order in this matter.

The work is of urgent nature and must be started early since the working season is of a relatively short duration.

Yours faithfully,
L K Kaidyan

Superintending Engineer(Transmission).
For Electrical Commissioner
with the Government of Bombay.

LKK/16/12 .


P. W. D.
File No. 2004/36
Serial No. 8651

C O P Y.

GHOSH & CO.
8, Raja Sitaram Road,
Calcutta 26.

15-12-1949.

Shree V.R.Vaidya,
Superintending Engineer(Transmission),
Electric Grid Offices, Foreshore Road,
Bombay 1.

Dear Sir,

Re:- Jog-Karnatak Transmission Line Surveys.

We are rather anxious to know when we may expect your esteemed order to start the work. We are afraid that in case of still further delay in final acceptance of our tender by the Government, and consequently of a late start on the work, your programme could not possibly be completed before the next monsoon. We can state definitely, however, that we could complete the forest section before the next monsoon, if your order is placed within the 1st week of January 1950.

Regarding the other sections, we believe that field work could be continued in the monsoon, as we understand the average rainfall is scanty in the rain shadow region east of the Ghats, where these sections are situated. From our point of view there is no objection to our continuing the work during the monsoon if you so desire. But as in that case the progress would perforce be below normal, we would ask for some consideration from you regarding our mileage rates. This question does not arise of course, if you do not want us to work during the monsoon.

Expecting the favour of a reply very early,

We remain,
Yours very truly,
FOR GHOSH & CO.
Sd/- X X X

C/-
21/12/49

5 | 49

VERY URGENT.
Letter.

No.T.8/S-1/ 21766
Electric Grid Offices,
Foreshore Road,
Bombay 1 : 22 December, 1949.

To

The Secretary to Government,
Public Works Department,
Bombay.

Sub:- Jog-Karnatak Electric Grid Scheme
Survey of Transmission lines.

I invite reference to this office letters No.T.8/S-1/19819 dated 26-11-49 and No.T.8/S-1/21483 dated 19-12-49 on the subject noted above and request you to issue early orders in this matter.

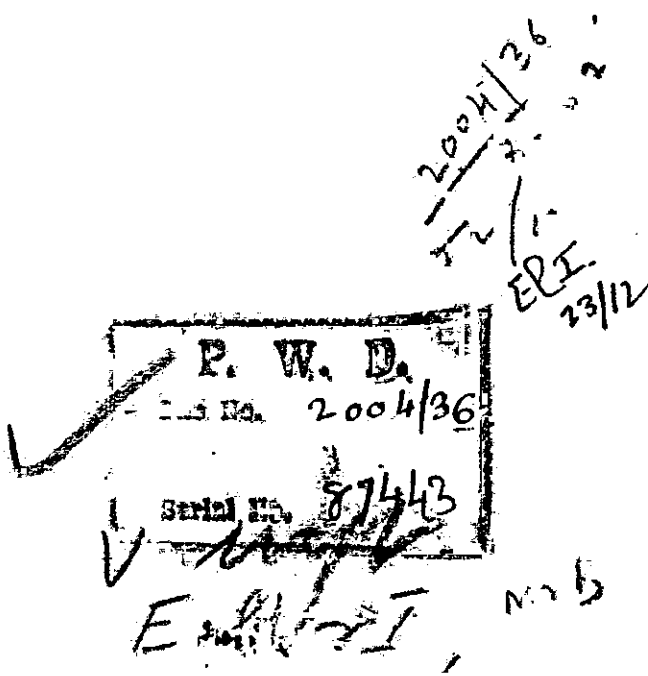
This work is of very urgent nature and the order for survey should be placed within first week of January, 1950 so that the forest section is surveyed before the next monsoon. In this connection, a copy of letter dated 15-12-49 from Messrs. Ghosh & Co., whose tender is recommended, is attached for information.

Encl:- Copy of letter.

Electrical Commissioner
with the Government of Bombay.

C/-
21/12/49.

150



57 151 2004/36/87443.

El. Br. (I).

P. W. D.

The relevant papers (P.W.D. file No. 2004/36/80182) dealing with the survey of trans. lines for the Jog – Karnatak El. Grid Scheme are under cor. to the F.D. since the 13-12-49. As pointed out by the El. Commr., the work is of very urgent nature and the order for survey should be placed within the first week of January 1950. The F.D. may therefore be requested to return the above papers with its remarks immediately.

ABS 24/12/49.

DMD 24/12/49

cor. to the F.D. dated the 26-12-49.

FINANCE DEPARTMENT
File No. PWR I
Date 27/12/49
Section Officer
AAG
SBAS
PWD

152

FD/PART I

Three hrs. in question were returned by the P.W.D. on 27.12.89

29/12/89

Work Plan dt. 3.1.90

For A.S. (F&R)

E1 4/11

F.I.:

File No. 2004/36

Serial No. 216

EL Br

3-1-90

M.B

Mr for F

5-1-90

153

C O P Y.

URGENT.

GHOSH & CO.
8, Raja Sitaram Road,
Calcutta 26.

The.28th Dec. 1949.

Sri V.R.Vaidya,
Superintending Engineer (Transmission),
Electric Grid Offices,
Foreshore Road, Bombay.1.

Dear Sir,

Re: Jog-Karnatak Power Project - Surveys.

We regret that though more than a month has passed since our Mr.Ghosh's call on you and though we are ready to make an immediate start on the work, we have received no intimation as yet about the views of the Government.

We hope you will appreciate that we have to reckon with the contingency that the Government may not after all approve of engaging our services, remote though it may be, considering your recommendations on our tender. Unless we know their views at the earliest possible date we are unable to decide what to do about other proposals in our hand. The field season is far advanced and much valuable time is passing by without our being able to take any definite action about other jobs, as we are in daily expectation of receiving your esteemed orders.

May we therefore request you to be so kind as to contact the Government once again and ascertain their views as soon as possible?

We remain,
Your very truly,

Sd/- X X X

For GHOSH & CO.

VERY URGENT.

No.T.8/S-1/ 22695
Electric Grid Offices,
Foreshore Road,
Bombay 1 : 4th January, 1950.

To

The Secretary to Government,
Public Works Department,
Bombay.

Sub:-Jog-Karnatak Electric Grid Scheme -
Survey of Transmission Lines.

Ref:-This office letters No.T.8/S-1/19819 of 26-11-49,
No.T.8/S-1/21483 dated 19-12-49, and
No.T.8/S-1/21766 dated 22-12-49.

Regarding the above references, I have not yet received any Government orders. As may be seen from my latest letter, it will be difficult to complete the surveys of the forest section before the coming monsoon unless we entrust the work of surveys immediately. Moreover, Messrs. Ghosh & Co., whose name is recommended to Government, are awaiting decision of Government as may be seen from their letter dated 28th December, 1949 (copy enclosed). Also some of the works connected with the scheme will be delayed consequent to delay in the survey work. Hence, I request immediate orders of Government regarding entrusting the survey work to Messrs. Ghosh & Co.

Encl:-Copy of letter dated
28-12-49 from Messrs.
Ghosh & Co.

P.N.Advani.
Electrical Commissioner
with the Government of Bombay.

C/-
3/1/50.

1 SF 2004/36/216 & 594.

El. Br. Is. P. W. D.

Necy. orders authorising ~~him~~ the El. commr. to accept the tender of M/S. Ghosh & Co., Calcutta, for the survey of transmission lines for Jog Karnataka Grid scheme at an estimated cost of Rs. 98,000, have since been issued — vide, G.L.No. 2004/36-El.Is, p 49 d. the 31-12-1949. The papers are now submitted for information.

ABB
11-1-50

vide necy.
1 47 ante in p. 27 — Seen, vide page 47 ante.

Draft clerk
11/1

11/1
2 us

Yes, Sir

159

No.F.18-259(1)/49-S.
Government of India,
Ministry of Agriculture,
New Delhi, the 9th November, 1949.

From

Shri S. Basu, I.C.S.,
Joint Secretary to the Government of India.

To

All Provincial Governments and
Chief Commissioners, Unions of States etc.

Sir,

I am directed to say that it has been brought to the notice of the Government of India that certain Government and semi-Government organisations are approaching private concerns for carrying out project surveys on their behalf without prior consultation either with the Ministry of Agriculture or the Surveyor General of India. I am directed to point out that hitherto it has been the practice for the Provincial and State Governments to entrust their air surveys and any other surveys outside their resources, to the Surveyof India. The Survey of India is fully equipped for the purpose and although at certain time it may not be able to undertake immediate demands with its limited resources, every effort is made to meet the requirements of all concerned. From the security point of view also, it is imperative not to allow private concerns to enter this field. It is also desirable that a recognised authority should take the responsibility for the accuracy of any survey work undertaken on ~~kk~~ behalf of a Provincial or State Government and for that matter, even a quasi-Government organisation.

I am accordingly to request that, if there is no objection, instructions may be issued to all authorities concerned under the Provincial Governments/Chief Commissioner that any such survey work to be executed on their behalf should first be communicated to the Survey of India and in case ~~x~~ the latter is unable to undertake it the Government of India in the Ministry of Agriculture should be consulted before steps are taken to approach a private agency.

Yours faithfully,

Sd/ S. Basu,

Joint Secretary.

True copy,

V.G. Phatak

V.G. Phatak,
Jr. Asstt., Issue Section,
P.W.D. Sectt.

RKP
10-12-49.

12/12

(175)

67 161

Below copy of letter No.F.18-259(1)/49-S, dated the 9th November 1949, from the Government of India, Ministry of Agriculture, addressed to All Provincial Governments and Chief Commissioners, Unions of States etc.

No.3898/36-I.B.(II). Public Works Department,
Bombay Castle (Bombay No.1),
10th December 1949.

Copy forwarded for information and guidance to -

the Revenue Department,
the Agriculture and Forests Department,
the Health and Local Government Department,
the Development Department,
the Commissioners of Divisions,
the Electrical Commissioner with the Government of Bombay,
the Superintending Engineers of Circles,
the Public Health Engineer to Government,
the Collectors of Districts,
the Executive Engineers of Divisions.

By order of the Governor of Bombay,

Sundram Ayr.

for { (K. V. Joglekar),
Deputy Secretary to the Government of Bombay,
Public Works Department.

RKP
10-12-49.
12/12
(175)

BY HAND DELIVERY.
IMMEDIATE.
Letter.

No.T.8/S-1/ 23749
Electric Grid Offices,
Forestore Road,
Bombay 1 : 16th January, 1950.

To

The Secretary to Government,
Public Works Department,
Bombay.

Sub:-Jog-Karnatak Grid Scheme -
Survey of transmission lines.

Ref:-Government letter, P.W.D., 1049
No.2004/36-El(I) of 31-12-49.

Messrs. Ghosh & Co. have been advised by telegram of the decision of the Government in accordance with the above letter, and the order letter for acceptance of the tender is being drafted. 1041

2. Since addressing Government by my letter No.T.8/S-1/19819 dated the 26th November, 1949, I have received a copy of letter No.F.18-259(1)/49-S of 9-11-49 from the Government of India, Ministry of Agriculture, addressed to all Provincial Governments, which was forwarded to me with Government letter No.3898/36-I.B.(II) of 10-12-49. As this letter from the Government of India was already in the possession of the Government at the time of consideration of my letter of 26-11-49 and the issue of orders thereon dated 31-12-49, I have presumed that Government have considered the matter and have no objection to entrusting the work of survey of the transmission lines to a private firm.

1065

X 1067

1041

1049

3. The negotiations for tenders for survey of the transmission lines of the Jog Scheme were being conducted with various firms for the past one year, and by the time the circular of the Government of India, suggesting the entrustment of the survey work to the Survey of India, was received, I had already forwarded my recommendations together with the tenders to the Government for orders. As Messrs. Ghosh & Co. is an Indian firm, there should be no objection to having the work carried out by them from the point of view of security. I am, therefore, proceeding with the work of drafting the order for the surveys to be entrusted to this firm in accordance with Government instructions, and I shall be glad if Government will kindly approve of the action as early as possible, say, within a week of the receipt of this letter.

Rec'd at 6-15 P.M. on 16/1/50
M. put up this
morning
16/1
Sent El (I)

P B Advani
Electrical Commissioner
with the Government of Bombay.

C/-
16/1/50.

H/165 2004/36/4182

El. Br. II. P. W. D.

In their letter No. F-18-259(1)/49-S, p65
d. the 9-11-49, the G. of I. have requested that any survey work to be executed by Provl. Govt. should first be communicated to the survey of India and in case the latter is unable to undertake it, the G. of I. in the ministry of Agriculture should be consulted before steps are taken to approach a private agency.

2. Under G.L. No. 2004/36-El. II, d. p.49 the 31-12-49, the El. Commr. has been authorised to accept the tender of M/s. Ghosh & Co., Calcutta, for the survey of transmission lines for Jog-Karnatak Grid scheme, at an estimated cost of Rs. 98,000.

3. Before issuing the G.L. p.49 referred to in para 2 above, the G. of I. were not consulted. The El. Commr. states in his letter p69 the negotiations for tenders for survey of the transmission lines of the Jog scheme were being conducted with various firms for the past one year and as M/s. Ghosh & Co. is an Indian firm, there should be no objection to having the work carried out by them from the point of view of security. The El. Commr. has accordingly proceeded with the

work—

work of drafting - the order for the surveys to be entrusted to M/S. Ghosh & Co. and requests Govt. to approve his action. | A

4. It is for orders whether —

(a) the El. Comm'rs. action as at 'A' above may be approved; and,

(b) this case may be brought to the notice of the G.O.I., explaining the circumstances thereof.

ASO
17-1-50

Action as in para 4 of the O.M. may be Taken.

17/1/50

(a) It is done.

It is not necessary to bring this case to the notice of the G.O.I.

The G.O.I. letter at P 65 (No. F.18-259(1)/49-S, d. 9-11-49) is not convincing & is not applicable to the present abnormal times when the Survey of India is short of staff and we are in urgent need of completing surveys quick as expeditiously as possible.

The fact that in the old days it was the practice to entrust surveys to the Survey of does not mean that in practice should not

DS.
Secy.
~~D.O.T.~~

become a rule binding on
provincial forts. The Survey should
may be fully equipped but at
present its hands are too full
for us to make use of its services.

The 'Security' point of view is
hardly material in these surveys
of transmission lines. They cannot
be kept a secret even if the
Survey for were to do the work
of surveying. The reference to security is not
appropriate except in case of defence works.
Of course accuracy & expedition
are the essence of the matter at present.

For the future, only, it may
write to the Survey of India & allow
them, in case of urgency, to send
their reply within a specified
time, failing which the work
would be given to private firms
It would be advisable for
the Survey of India, if they are

Jul
168

fully booked, to maintain
list of reliable firms who can
be employed by Govt.

I believe we have not been
able to get any help from the
Survey of India in the case of survey
Loj-Uthes valley. This may
be verified
We may address the Govt
on these lines.

17/1

17/1

18/1

75/69 2004/36/4182.

El. Br. (I). P. W. D.

F 77

Resubmitted with the secy. draft put up for approval, which may issue in the first instance.

P.77

2. After issue of the proposed draft, a copy of the Secy's. note within will be given to JB (II) for necy. action. 1972-73

ASS.
18-1-50.

KJ 18/1/50

JS.

17°

El. Br. I
O.N.

SB (II) will pl. retain copy* of the Secy's note on pp. 72-74 ante and take necy. action separately and return this file to El. Br. I.

ABS
23-1-50

Copy retained & papers returned to El. B. (I)

HH
23-1-50

* Kept at Commencement

To
SB (II)

77 171 2004/36/4182.

Letter.

No. 2004/36-El.Ts. P. W. D.
B.C. (Bombay No.1)
19th Jan. 1950.

To
The El. commr. with the G. of B.

Sub :- Jog-Karnatak Guid Scheme —
Survey of transmission lines.

Refce :- Your letter No. T-8/5-1/23749, dated-the 16-1-1950. p69

2. Your action in proceeding with the work of drafting the order for the survey of transmission lines to be entrusted for Jog-Karnatak Guid Scheme to M/S. Ghosh & Co., Calcutta, is approved.

ISSUED
20/1/50 RDA

DA- Nil.

By order etc.

ABB.
18-1-50.

Kh 18/1/50

DS.

48
172

Mr B (Yaswant Mills Mistry Lectures)

23/1

Mr B (Karaz Bros)

23/1

Stencil Typist

Pl give urgently two copies of Secy's ltr to Yp 72-74 auth

ABS.
23-1-50

3/Pm
7.11

14/173

GHOSH & CO.
8, Raja Sitaram Road,
Calcutta 26.

(URGENT)

The 14th January, 1950.

D/O.Letter No.17/50.

Dear Mr.Vaidya,

Since receipt of your telegram d/- 5.1.50 we have lost no time in arranging for the necessary staff and are expecting your instructions every day. I hope you will be kind enough to appreciate that we shall be put to much loss if the matter be delayed considerably. May I therefore request you to be so good as to send us your instructions by return of post if possible, or failing this, to advise us by telegram as to when we may expect the same to reach us?

Thanking you.

I remain,
Yours ~~faithfully~~ sincerely,
(Sd) A.C Ghosh.

Shri V.R.Vaidya,
Superintending Engineer(Transmission),
Electric Grid Offices,
Foreshore Road,
Bombay-1.

SDK/18.1.

By hand delivery.
Very Urgent.

No.T.8/S-1/ 24008
Electric Grid Offices,
Foreshore Road,
Bombay.1: 19 January, 1950.

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject:-Jog Karnatak Electric Grid Scheme
Survey of Transmission Lines.

Reference:-This office letter No.T.8/S-1/23749
dated 16th January 1950.

In continuation of my above letter, I enclose herewith for your information a copy of the D.O. letter No.17 of 14.1.50 received from M/s: Ghosh & Co., and request for an immediate reply to my letter of the 16th instant.

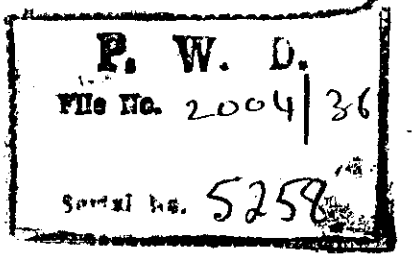
for Electrical Commissioner with
the Government of Bombay.

Encl:Copy of letter No.
17/50 from M/s:
Ghosh & Co.

SDK/18.1.

2004/36/5258

8%
176



~~83~~ 77 2004/36/5258.

El. Br. (I). P. W. D.

Necy. action in the matter has since been taken – vide, p.77 G.L. No. 2004/36-El.(I), d. the 19-1-50. Further communication from the El. Commr. with refce. to 'A' on p.49 ante may be awaited.

ASB
24-1-50

Dy/11/50

AAS.

178

To

ATB (III) ... request

16/7/57

→ Lr. 85-87 dtd ... 1

file no 2204/36/7689 sent

by post

16/7/57

Ltrs 85-87 which were rcd in H. comm rec'd. arranged on Ltrs 92-94 Ltrs.

xP317/7
15697
being taken steel safe

179 2004/36.

A.B(III) O.N.

The Electrical Commissioner has separately communicated that no expenditure is likely to be incurred during the current year & hence no allotment is required.

The draft put up may issue.

27/2/50.

Letter

NO: 2004/36 - A(III) /8C

P.W.D.

B.C., (Bombay 1).

1st March ~~1949~~ 1950.

10

The A.G., Bombay.

Subject: Jog - Karnatak Grid Scheme.

Reference: G.E. NO. 2004/36-EL(I), P 49 of the 31-12-49.

2. The Electrical Commissioner has since reported that no expenditure is likely to be incurred on the Jog-Karnatak Grid Scheme during the current year and hence no allotment is required.

D. Anil.

By order of the Governor of Bombay.

Copy forwarded to the F.D. with reference to GE. NO: 2004/36 EL(I), P.50 of the 31-12-49, for information.

27/2/50.

S.P

Letter. 90/81

No.2004/36-A(III). Public Works Department,
Bombay Castle (Bombay No.1),
1st March 1950.

To

The Accountant General, Bombay.

Subject :- Jog-Karnatak Grid Scheme.

....

Reference : Government Endorsement No.2004/36-El.(I), dated the 31st December 1949.

2. The Electrical Commissioner has since been reported that no expenditure is likely to be incurred on the Jog-Karnatak Grid Scheme during the current year and hence no allotment is required.

By order of the Governor of Bombay,

2/3/50. O/C

for Deputy Secretary to the Government of Bombay, Public Works Department.

D.A.-Nil.

3/50

Copy forwarded to the Finance Department with reference to Government Endorsement No.2004/36-El.(I), dated the 31st December 1949, for information.

ISSUED on 2/3/50

PSM.1/3/50.
-3.
2/3/50

No. M.A.A.5756 Bombay, the 28 January 19 50.

FROM

THE ACCOUNTANT GENERAL, BOMBAY,

To

The Secretary to the Government of Bombay,
Public Works Department.

Sub:- Jog-Karnatak Grid Scheme.

Sir,

With reference to Govt. P.W.D. letter No. 2004/36= EL(I) dated 31-12-49, I have to request you to intimate the classification whether Hydro or Thermo Electric Scheme, of the Jog-~~Karna~~ Karnatak Grid Scheme and also whether this scheme forms a part of "Electrick Grid works" or is to be shown as a separate Scheme.

Yours faithfully,

bdm.24.1. Deputy Accountant General.

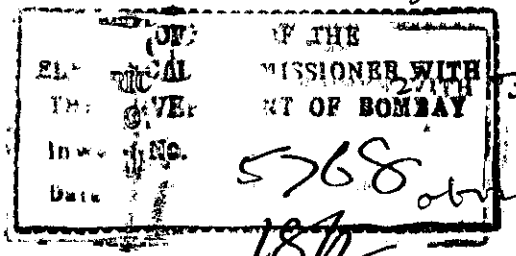
OFFICE OF THE
CHIEF ENGINEER WITH
THE GOVERNMENT OF BOMBAY
Inward No.
Date

~~SD~~ 9/4 185 2004/36 7689

El. Br (I) P.W.D.

phg

Submitted with reference to E.F. of the 31-12-49.



(10-3-50) The classification of this scheme will obviously be hydro-electric & it should be shown as a separate scheme like other schemes. The A.E. may be informed accordingly after w.o.r. to the Elect. Comm. Thro A.B. (III)

To A.B. (III)
to see & return
Seen
14/2/50

14/2/50

Seen
16/2

14/2

to El. Comm. & 17-2-50 PTO

SE (Th)

95.76

Electric Grid Offices

The Accountant General may be informed that the Jog Karnatak Electric Grid Scheme is a Hydro Electric Scheme and forms part of Electric Grid Works.

P.T.A.
6 3/50.

The Secy. to Govt.,
P.W.D., Bombay.

U.O.R.No. T.8/1/ 2999
7th March 1950.

2nd EI 8/3

P. W. D.
File No. 2004/36
Secrl No. 185/5

(ARK.2.3.50.
Sl. B. (I).

P.W.D.

Submitted with reference to the o.n. overleaf.

2. The A.G. Bihar may now be informed as per draft put up for orders.

Thro' A.B. (III)

27/2/50.

26/2/50

K/27/2/50

D.S

7-3-50.

~~9~~ 187

2004/36

18575

Letter.

No 2004/36 EL (I)

P.W.D.

B.C. (Bombay)

30th March 1950

To

The A.G. Bombay.

Sub: Jog - Karnataka Electric Grid scheme. p 92

Reference: Your letter No WM A.A 5756/ dtd 28-1-50.

2. The above scheme is a hydro-electric scheme & forms part of Electric Grid works. It should however be shown as

2004/36
185-75

~~37~~ 188

a separate scheme like other schemes

By order of Hon'ble D. A Nil

By Secy to Govt

26/3/57

Copy for information to the Chief Comm. with the Govt. with reference to his no T.8/1/2999 dt 7-3-57.

ISSUED
on 4/4/57

26/3/57

Govt. Advt. (3 copies)
- 30/3

189

2004/36

30 8 04

P. W. D.

Pl. 13r (I).

Submitted for information

Record

DS

K 24/6/30

Feb 24/6

Letter.

No.T8/3/6927
Electric Grid Offices,
Foreshore Road,
Bombay 1: \7 April 1950

To
The Secretary to Government,
Development Department,
Bombay.

Reference :- Your endorsement No.276/3345-B dated 9-3-50 regarding supply of electric power to North Kanara District.

With reference to the above, I have to state that the existing demands for power in the places noted by the Chairman, North Kanara District Industrial Co-operative Association Ltd.,. Honavar, aggregate to a load of only about 140 kW. It is estimated that this may be built upto about 650 kW in ten years.

Not only is this small load spread over a distance of 95 to 100 miles, but owing to the special nature of the country, transmission line will be unusually expensive. It will therefore be uneconomical to supply these loads from Jog.

P B Advani
Electrical Commissioner
with the Govt. of Bombay.

✓ Copy forwarded with compliments to the Secretary to Government, Public Works Department, Bombay, for information.

ISB/15.4.

DEVELOPMENT DEPARTMENT

3691—60,000—11-48—BS

40. P.W.I. 2004/36-V

30 MAR 450

A 114570

Std. Sects. 23 c.

Unofficial Serial No.

DEPARTMENT

Public Works, Bombay Castle, Bombay, No. 1.

The attention of the Development and Finance Department is requested in succession to the unofficial reference from this Department noted in the margin, the early return of which with a reply will be convenient.

No. 2004/36-V

dated 17-2- 1950.

Subject—

Utilisation of Tapi Water in the Southern Area of the Bombay Province.

S. T. Jacher

For Assistant Secretary to the Government of Bombay

Unofficial reference to the Development Department No. 2004/36 dated 30 March 1950.

3/195

D.D.
A

The papers in question have been passed on u.o.to A & F.D. and F.D on 25-2-50. These papers may also be passed on to these Deptts. in continuation.

8-4-50

10-4-50

A S.

u.o.r to A.&F.D.&F.D. 12/3/50

AG ICULTURE & FORESTS
21 DE A
File PWD 2004/36.V
Date 12/DD 1950
Serial No. 14F 898

S.A
19.4.

A & F.D 4/1950

The papers referred to on page 1 ante have been passed U.O. to F.D. of on 6th March 1950. This may also be passed U.O. to Irish Dept. in continuation.

6/4

20.4.50

J.A.S

U.O. to R.S. dated 21st April 1950

F.D.
P.W.I.

The P.W.D. papers referred to on page 1 have been returned to that Dept on 8th instant. This may also be returned to P.W.D. in continuation.

U.O.I.2 to the P.W.D dt 26.4.

FINANCE DEPARTMENT
File No. PWRI
Date
Serial No. 24-4-50

P. W. D.
File No 2004/36.
Serial No. 33508

2004|36|33505

197

El. Br. (I)

P. W. D.

Submitted,

2/. The papers have been recd. back in this deptt. ~~under no. 2004|36-E|27220~~ on 6-4-50 and they are under submission to H.M. since 22-4-50.

This may now be recorded.

PIB
5-5-50

6/4/50

J.A.S.

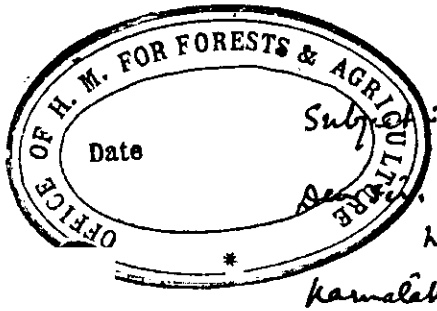
F.M.
6/5

Sadalgi (Tal- chikodi
Dist- Belgaum

18th Jan 1950

To

The Hydro Electric Engineer to
the Govt of B. bay. Bombay



Subject: Supply of hydro electricity in karnatak Dists.

We are ashamed to Complain that the district of karnatak has been neglected by Pro. & Central Govt- for not implementing big irrigation projects & generating & supplying cheap hydro electricity for agri. engineering. 'Grow more food' Scheme will fail again as public find that all plans remain in papers by mere technical Sanction without actual financial Sanction & construction work progress

Our main cry is for early supply of hydro electricity at cheapest cost (one anna p. unit) for well irrigation & lift irrigation for rivers either from Jog Hy. Ele. or Radhanagar Hy. Ele. which are practically ready for supply in coming season. Why should we not secure electric power in Chikodi Tal. (compact area) Villages nearer them Gokak and Villages (Kolhapur Dist - Shirol Taluka) one must irrigation costs us Rs 400/- p. year (Rs 100/- p. irrigation & we expect to reduce that cost to Rs 100/- if cheap hy. ele power is given to us. We can maintain efficient irrigation by buying an ele-motor & pump with one Kaleem unit who can be used in dry farming area. Can we get Hy. ele power from Jog or Radhanagar in the coming season in Chikodi Tal. If When soon? When can we expect Hy. E. le. power from Koina project or Kali Nadi or Daddi or Ataga projects? At what rate H. E. power (p unit) is to be distributed & what will be the cost of total irrigation units Consumed

for 100 acre each irrigation with lift for 50' to 60' (by ele. motors of 9-10 HP (=8 kill. wat.)? Our present most irrigation cost is prohibitive end paying for perennial or annual irrigated crops will you give us early relief by supplying by cheap hy. ele. power for any nearest project as soon as possible. Matter is urgent & be expedited soon. Early reply with due response is accorded.

Yours faithfully

A.B. Chougule

Address:- A.B. Chougule - B.Ag
At P.O. Sadalga (Tal-Chikodi
Dist- Belgaum

Letter from Shri A.B.Chaugale of Sadal i in Chikodi Tal.Dist.Belgaum..

He desires to know when cheap electricity would be available to Karnatak districts from Jog or Radhanagar or Kalinadi or Daddi or [illegible]oga projects as also the rate per it.

M.P.W.D.

for Minister

ACKNOWLEDGED
No. 8048
Date 25/11/60

~~5~~ 203

2004|36| 7784.

E|Br(I) P.W.D.

S.L. Attd with reference to the H.M., P.W.D's orders on p. 3 ante.

2|- The Elect. Comm. may be requested Hqs. to furnish the information reqd. by Mr. A.B. Chaugule

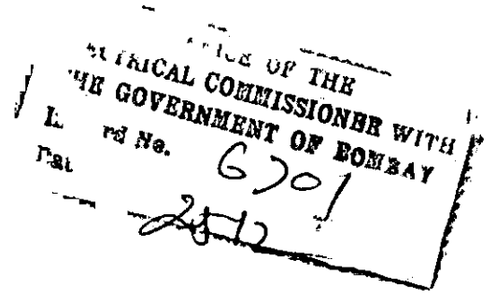
[Through I.B (II)]

22-2-50 21-2-50.

J.A.S. Hq. Elect Comm

Hq. Elect. comm, 24.2.50

SECTN



Below U.O.R., P.W.D., No.2004/36/7784 dated 24-2-1950.

.....

Electric Grid Offices.

Power supply from Jog is expected to commence in 1953, but is restricted to a few towns in the Dharwar and Kanara districts as the power available for distribution is very limited.

2. Power from Radhanagari Hydro Electric Scheme is expected to commence in 1951, but is restricted to irrigation pumping loads along the Bhogavati river and Kolhapur City supply. There is no power available to supply Chikodi Taluka.

3. A report on Kalinadi Project has been prepared and submitted. But no detailed investigations have yet been taken in hand. The question of supply of power from this scheme cannot be considered now.

4. Sufficient data is not available in this office to ascertain, if any hydro electric power generation can be made from the Daddi Project.

5. In the proposed Koyna Hydro Electric Scheme, a substation at Maihsal is contemplated, which is about twenty-four miles from Chikodi, to supply power for lift irrigation pumping along the Krishna river. When the Koyna Scheme materialises, the Hydro Electric power supply to this taluka will be considered.

Secy. to Govt.,
P.W.D., Bombay.

No. T8/11 9234
Bombay, dated April, 1950.

C/-
19/4/50.

P. W. D.
File No 2004/36
Serial No. 35086

2004/36/35088

El. Br. Es. P. W.D.

With refee. to the applicants' letter on p. 1 ante, pl. see the El. comments. note overleaf. The draft put up may issue, if appd.

Two! J B Ch.

8/5/50.

The following para may be added at the end of the draft letter put up :-

"Nothing can be said at this stage about the supply of hydro-electric power from the Dadda & the Cisoga Projects, which are still to be investigated."

13-5-50

yes

15/5/50

D.S

132 [illegible]

2004/36/35088.

No. 2004/36-El. D.

P. W. D.

B.-C. (Bombay No. 1)

17th May 1950.

To

Shri A. B. Changale,

~~Sadgi~~

Sadalgi (Chikodi Taluka,

Belgaum Dist.)

Sub:— ~~With refce. to your letter~~,

Supply of hydro-electric power in Karnatak Dist.

Dear Sir,

With refce. to your letter, dated the 18-1-50 [1951-2] on the above subject, I am directed to state that power supply from Jog is expected to commence in 1953, but is restricted to a few towns in the Dharwar and Kanara districts as the power available for distribution is very limited.

[addressed to the Hydro-El. Engr. to the G. of B.,]

2 —— Power from the Radhanagri Hydro-El. scheme is expected to commence in 1951, but is restricted to irrigation pumping loads along the Bhogavati river and Kolhapur city supply. There is, however, no power available to supply Chikodi Taluka.

3 —— The Kalinadi hydro-El. scheme is still in the preliminary stage.

In ——

-to 228

4. In the proposed Koyna Hydro-El. Scheme, a substation at Maisal is contemplated, which is about twenty-four miles from Chikodi, to supply power for lift irrigation pumping along the Krishna river. When the Koyna Scheme materialises, the hydro-electric power supply to this taluka will be considered.

5. (There are [illegible])

Yours faithfully, DA-

Asst. Secy. to Govt.

Copy forwarded for inform. to the El. Commr. with the G. of B. with ref. to his No. T-8/1/9234, dt. the 2-5-50.

ASS
8/5/50.

No. 2004/36-El(I). 2-07

Public Works Department,
Bombay Castle (Bombay No.1),
17th May 1950.

From

The Assistant Secretary to the Government of Bombay,
Public Works Department.

To

Shri A. B. Chaugale,
Sadalgi (Chikodi Taluka, Belgaum District).

Subject:- Supply of hydro-electric power in Karnatak District.

Dear Sir,

With reference to your letter, dated the 18th January 1950, addressed to the Hydro-Electric Engineer to the Government of Bombay, on the above subject, I am directed to state that power supply from Jog is expected to commence in 1953, but is restricted to a few towns in the Dharwar and Kanara Districts as the power available for distribution is very limited.

2. Power from the Radhanagri Hydro-Electric Scheme is expected to commence in 1951, but is restricted to irrigation pumping loads along the Bhogavati river and Kolhapur City Supply. There is, however, no power available to supply Chikodi Taluka.

3. The Kalinadi hydro-Electric Scheme is still in the preliminary stage.

4. In the proposed Koyna Hydro-Electric Scheme, a substation at Maihsal is contemplated, which is about twenty-four miles from Chikodi, to supply power for lift irrigation pumping along the Krishna river. When the Koyna Scheme materialises, the hydro-electric power supply to this taluka will be considered.

5. Nothing can be said at this stage about the supply of hydro-electric power from the Daddi and the Asoga Projects, which are still to be investigated.

ISSUED 20-5-50

Yours faithfully,

a/c

Assistant Secretary to the Government of Bombay,
Public Works Department.

D.A.-Nil.

3/11

Copy forwarded for information to the Electrical Commissioner with the Government of Bombay with reference to his No. T.8/1/9234, dated the 2nd May 1950.

5
KCJai
17-5-50
AP186

Copy of the file note
in respect of the A&FD
file no. 3745/III of 1950
relating to the scheme
for Paper & Pulp Factory in
Canada - Report of the
Ad Hoc Committee appointed
in connection with the
~~not~~ submitted by the
Secy P.W.D to H.M. (I&C)
H.M.(A&F)
on 5/5/50

~~1~~ 213

Paper Factory, Kanan

We are concerned with

1) Water — at p. 19, 33, 41, 126 Mainly

2) Power — p. 19, 33, ~~43~~, 126,

Re (1), I believe there is no objection even after the Kalinadi scheme materialises ~~is~~ ~~some~~ in distant future water will be available.

Re (2), would Jog / Hanchinal power be available at Dandeli [the site is here, at p. 126] & if so when & at what rate?

Remarks to be within 3 days

5/5

D.S.

Water

There is no objection to allow the use of Kalinadi water for the proposed Paper Factory, Kanara, at Dandeli. I have gone through the report on the "Hydro-Electric Resources of the Kalinadi basin" by the Associated Consulting Engineers (India). According to the proposals contained in this report, there will be a storage dam at Supa some 15 miles upstream of Dandeli, with power house located at the downstream toe of the dam. Tail water from the generating sets at Supa will therefore always flow back into Kalinadi. The flow of the Kalinadi at Dandeli would thus be considerably improved throughout the year. Other hydro-electricity power stations contemplated in this report viz. (1) Kaneri, (2) Nagjhari and (3) Lower Kali-Nadi, are on the downstream side of Dandeli and they will not in any way affect the flow in the Kalinadi at Dandeli. Since the water flowing through the Kalinadi at Dandeli will ultimately be used lower down for the turbines of the (1) Nagjhari and (2) Lower Kali-Nadi hydro-electricity plants, the factory concerned will have ~~therefore~~ to ensure that the effluent is discharged back into the River after purifying it, in order to avoid its harmful effects on the turbine blades of these two plants.

Power

It is not intended to bring Harihar power to Dandeli. According to the revised proposals (papers containing these have been submitted + to the H.M.) about the distribution of Jog power (10,000 kW at Jog) in the Karnatak area, recently received from the Electrical Commissioner, the following loads at Dandeli have been provided for

+ paras 22/6/50 in file no. 2004/36-V

Saw Mills ...

6
2/6

Saw Mills	...	160 kW.	
Pulp & Paper Mills	...	1400 "	The Director of Industries has intimated that this may require 2500 kW.
	...	"	
Aluminium Plant	...	3000 "	The Director of Industries has intimated that this may require 5000 kW.

In preparing the financial forecast of the scheme of Jog-Karnatak Electricity Scheme, the Electrical Commissioner has assumed a rate of 0.50 of an anna per unit, on the basis of the rate of annas.225 per unit which the Govt. of Mysore will charge for this bulk supply at Jog busbars. The Paper Co. has requested that power from the Electric Grid may be supplied at the rate of 3 to 4 pies per unit, which does not appear to be possible on account of the initial high rate for the bulk supply at Jog.

It is estimated that power from Harihar would be available by June 1953 and that from Jog by March 1954.

BVK.
8.5.50.

KJ 8/5/50

8/5

Secy

2004/36

"21"

Secy.'s note on file No. 3745-III of Agrix. and Forests Dept. re: Report. Scheme for Paper and Pulp Factory in Kanara. Ad Hoc Committee to be appointed.

As regards supply of water, there would be no difficulty in consequence of the Kalinadi hydro-electric scheme, the first storage of which would be about 15 miles upstream of Dandeli and would, in fact, improve the supply at Dandeli. When power-stations downstream of Dandeli are developed, the factories at Dandeli will have to treat the effluent, which is put back into the river, so that it will not damage the turbines in the lower power stations.

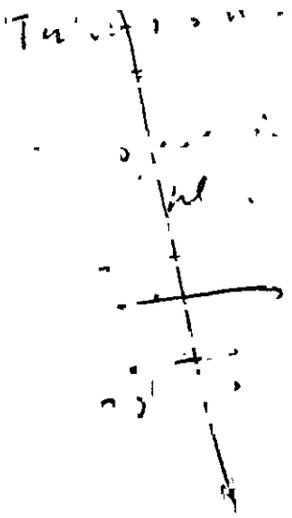
Electric power from Jog is likely to become available at Dandeli in March 1954 and the rate per unit is likely to be ½ anna, based on the Mysore Govt.'s bulk rate of 0.225 anna at Jog. The request of the Paper Co. for cheap supply at about 0.25 or 0.33 anna per unit does not seem acceptable.

Id/ G.V.Bedekar.
8-5-50.

8/5/50

H.M. 9 & f

Fl in Sr
9/5



I take it that when Q/U is
Dharwar, people somewhere in
know the State to which arrangements
for utilisation of the machine power
for the production (machine, Sluther at Q/J
have progressed. A very short note
may be putting in this connection.

P.A. to see the note with him for other
information that we have in this subject

x Shri. Dodamani, M.L.A.'s
Short notice, Shri
Gopis, M.L.C's b.c.
Bng. Questions, etc.

Jam 26 4/50
V. Urgent
P.W.D.
D.S

Pl. Bv (I).

A separate note is sent to the
Elect Comm with a request to
send this note by to-morrow
evening.

27/4/50.

+13 — 6124 —

Regarding :- Jog Power Supply.

to enquire how far the Survey work referred to in the reply to Shri Dodametti has progressed.

Also to enquire as to how far the question of the tender for the Jog and Harihar Power Supplies has progressed ? What is the total cost of the tender ?

To enquire if we cannot start immediately with the smaller project from Harihar ?

Id/- J.N.M.
10.4.50
H.M.

Submitted with the following information ascertained on 'phone from Shri Vaidya, Superintending Engineer (Transmission), Electric Grid.

(i) Reconnaissance survey (i.e. preliminary fixing of the route alignment by going hurriedly through the country and taking rough measurements by steps etc.) is halfway through, detailed survey will be started next month.

(ii) Tenders for the sub-station equipment have been received by the Director General of Industries and Supplies and are under his scrutiny. He would tabulate and forward them to the Electrical Commissioner for recommendations. The total approximate cost of the sub station equipment would be Rs. 40 lakhs.

(iii) Smaller project from Harihar can be started independently of the bigger project, but this will also require a year more to start since the minimum period for the supply of switchgear and sub-station equipment exceeds one year.

Id/- K.V.J.
10.4.50
D.S.

2
CKW
27.4.50

Id/- G.V.B.
10.4.50
Secy.

3
5223

I take it that when I go to Dharwar, people would like to know the stage to which arrangements for the utilisation of the motive power for the Mahatma Gandhi Hydro-Electric Station at Jog have progressed. A very short note may be put up in this connection. X/

P. A. would take with him to Dharwar the other information that we have in this subject.

Id/- J.N.M.
26.4.50
H.M.

Id/- G.V.B.
27.4.50
Secy.

2
CKW
27.4.50

El. Br (I) — P.W.D.

Resubmitted.

2. A copy of the Secy's note of 10.4.50, giving the information as ascertained by him on that date on phone from the S.E. (Transmission), Electric Grid is attached. P.t 3.

The El. Engr may be requested to furnish (in duplicate) + a short note as desired by the H.M. by Th. morning evening at

+ vide 'X' above

Shri Lalit

27/4/50

27/4/50

Immediate
H.O.

to the Elect Engr

H.O.
L. Lalit

7

Below U.O.R., P.W.D. No.El.Br.(I)/
dated 27-4-50.

.....

ELECTRIC GRID OFFICES.

A short note on the progress of works of the Jog-Karnatak Electric Grid Scheme.

1) Surveys:- The Superintending Engineer (Transmission) and the Executive Engineer(Civil) - Transmission Line Constructions - visited the area recently to inspect the survey work, which is being carried out by the contractor. The Superintending Engineer(Transmission) returned only yesterday, and the Executive Engineer is expected back on 1-5-50, after completing the inspection of the remaining minor sites. The substation sites at the major load centres and principal river crossing sites were inspected. The progress of reconnaissance in the dense forest area, which was inspected, is necessarily slow, as even for walking along the prospective line route in straight alignments, clearance of thorny shrubs and dense vegetation obstructing the line of movement and sight is necessary. It is expected that enough details would be gathered next month to permit issue of tender specifications for the main 110 kV lines from Jog to Hubli and Dandeli. Similar data for the 33 kV lines is likely to be available before the break of the monsoon. The survey work is expected to be over much before the time when the materials could arrive and line erection started.

2) Tenders for substation equipment:- These were invited by the Director General of Industries & Supply, New Delhi. He has recommended the acceptance of the tender from the English Electric Co. This firm, however, has not submitted layout drawings, without which it is not possible to decide the matter. The

D.G.I. & S. has been requested by telegram to call for the drawings, and as soon as they are received and checked as regards suitability, he will be informed of the decision re: placing the order. The total estimated cost of the above firm's tender is about Rs.31 lakhs, and an additional Rs.7 lakhs will be required for other associated items like cables, structures and control buildings not included in the firm's tender.

3) Harihar-Haveri Project:- This scheme mainly comprises a 33 kV and 11 kV net work, and could be taken up and completed earlier than the main Jog-Hubli-Dandeli 110 kV Scheme. However, the supply proposed to be given by the Mysore Government will be at 66 kV, which will need to be transmitted across the Tungabhadra river to Bombay territory and stepped down to 33 kV by 66/33 kV transformers and switchgear, for which the deliveries are 24 months ex Works, as compared to the deliveries of 110 kV equipment of 30 months ex Works. Therefore, the supply from Harihar could be advanced by about nine months over the supply from Jog, and this would be done.

4) General:- The deliveries of U.S. equipments is earlier, (10 to 15 months ex Works) than of the U.K. manufacturers, of 24 to 30 months ex Works. But the limiting factor in the programme for supply of Jog-power in the Bombay Karnatak is the delivery of the 110 kV Transmission line towers and the erection of the lines. As per recent orders of the Government of India, the towers have to be fabricated and galvanized in India. Mill indents for steel could be placed by the contractor for the towers, earliest by the end of this year, and it will take nearly 1½ years for the steel to be rolled, fabricated and galvanized and further 1¾ years (2 seasons) for the erection of the towers and line materials. As such, the earliest the line could be placed in service is

by March, 1954. This will fit in with the delivery of substation equipment from U.K. of 24 to 30 months ex Works. According to the latest information, therefore, the supply from Harihar may be expected to be commenced by June, 1953 and the supply from Jog by March, 1954.

T. J. Nicholson 28.9.50.

Secy. to Govt.,
P.W.D., Bombay.

U.O.R.No.Elg/T-8/15/8081
Bombay, dated 28 April, 1950.

Elec 29/4

P. W. D.
File No 2004/36
Serial No. 34111

E & I. T

C/-
28/4/50.

El. Br (I). P. W. D.

The above note of the Secy. Comm. is submitted with reference to 'A' of the H.M's note dt 26-4-50.

2. Papers ref to at 'B' of the H.M's note are being sent to the P. A. separately.

29/4/50

29/4/50

D S
Secy
H M

29/4

Filed in file

229

No.329/499-A.
Development Department.
Bombay Castle, 26th April 1950.

From
The Under Secretary to the Government of Bombay,
Development Department.

To
Shri Vyas Rao,
Attorney to Singhi Sons Limited,
(Camp) 191-VI Cross Road,
Gandhinagar,
Bangalore City.

Subject:- Aluminium Factory at Dandeli
Government facilities to the

Sir,

With reference to your letter, No.A/44, dated the 10th April 1950, on the subject mentioned above, I am directed to state as follows:-

(1) Government expects that the actual requirements of the Company by way of electric power may not be more than 3,000 KWS. Government expects to be able to make the necessary Electric Power available to the Company.

(2) So far as your requirements of land is concerned, the question of the grant of it on payment, will be considered when details of the piece of land are received from the Company as promised by you at the time of discussion on 20th March 1950.

(3) The question of providing a railway siding will be taken up with the Government of India after the selection of land is finally made

(4) Government regrets it will not be possible for it to participate financially in the enterprise.

Yours faithfully,

Under Secretary to the Government of Bombay,
Development Department.

Copies for information to:-

the Director of Industries,

the Finance Department,

the Agriculture and Forests Department,

the Revenue Department,

the Public Works Department,

the Electrical Commissioner, Bombay.

FIN/26-4-1950

2004/36
33769

230

-E.Br.(I).

P.W.D.

Submitted for information.

2. Our scheme + of distribution of jog power provides for a suitable of 3,000 kW to this factory.

Received.

821
12/5/50

DS.

+ File no 2004/36 Vol (will be laid up of 29/9)

bjp 4/5

FA 13/5

81(I)
28/4

P. W. D.
File No. 2004/36
Serial No. 33769

FD A I

REMINDER II

T.8/3/6705

Electric Grid Offices,
Foreshore Road,
Bombay 1: 14 April 1950.

To

The Secretary to Government of Bombay,
Public Works Department, Bombay.

Subject :- Utilisation of Jog Power in the Southern area of the Bombay Province.

I invite reference to this office letter No.T.8/3/23190 dated 10th January 1950 and subsequent reminder No.T8/3/564 dated 17th February 1950 on the subject noted above and request you, kindly to move Government to issue early orders in the matter. The financial forecast can be made only after the load data is finalized.

for Electrical Commissioner with
the Government of Bombay.

ISB/13.4.

~~2 V32~~

El. Br (I) P.W.D.

The main case is under
scrutiny by H.M. since 22.4.50
may kindly be necessary draft
orders.

keep with the main
case

22/4/50
24

Recd.
27/6/50

El Br (I)
1514
1.11.50

P. W. D.
File No 2004/36
Serial No 29862

I

Reminder III

-3-
23

No. T.8/3 9432
Electric Grid Offices,
Foreshore Road,
Bombay,1. 4th May,1950.

To

The Secretary to Government of Bombay,
Public Works Department,
Bombay.

Subject:- Utilisation of Jog Power in the
Southern area of the Bombay Province.

I invite reference to this office letter No. T.8/3/23190 dated 10th January 1950 and the two subsequent reminders No. T.8/3/564 dated 17th February 1950 and No. T.8/3/6705 dated 14th April 1950 on the subject noted above and request you, kindly to move Government to issue very early orders in the matter.

M Subramaniam

for Electrical Commissioner
with the Government of Bombay.

DPD.3/5/

2004/36 Pt I
35986.

1234

Pl. Br (I).

P. W. D.

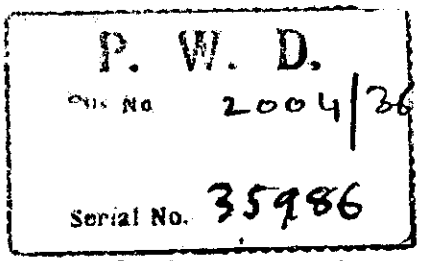
Orders are being issued on the main case.

Record with the main case

12/5/50

15/5/50

EI Br I
6/5



LEFT

Telephone Message.

11-10-49. 11.50 A.M.

From - The Deputy Secy. to the Govt. of Bombay,
P.W.D., Poona,

To - Mr. P. K. K. Murti,
Deputy Engineer,

The Electrical Commr.'s proposal to entrust the work of survey of transmission lines from the Jog Power Scheme on contract to a private firm of surveyors whose quotations are suitable has been agreed to, vide Govt. Letter No.2004/36-El., dated 29th July 1949. The Electrical Commr. should be asked immediately to report (i) if the survey work has already been entrusted to a private firm and (ii) if so, what is the up-to-date progress. The information should be communicated on 'phone as the Hon. Minister desires to have it immediately.

11/10/49

2-30
Dupl.

Ol Brch Dr.

The Ol. Comm. may be requested to furnish the information over bearer of this note.

Dy 11/10/49

11/10/49

OFFICE OF THE
ELECTRICAL COMMISSIONER WITH
THE GOVERNMENT OF BOMBAY
Inward No. 4078
Date 11/10

Immediate

Ref. to the Ol. Comm. with the F of B of debiting.

SECTN
11/10

Below Govt. U.O.R. dated 11-10-49 re: Surveys for Jog Transmission lines.

.....

Electric Grid Offices.

Tenders for the survey of the Transmission Lines from Jog and Haribar have been invited. The last date for the submission of the tender was the 15th instant, but at the request of one prominent firm, it has been extended to the 20th instant. Proposals for entrusting the survey work against acceptable tenders will be submitted to Government for approval soon after the tenders are received. X

Secy. to Govt.,
P.W.D., Bombay.

U.O.R.No.T.8/1/ 16616.
Dated 11th October, 1949.

C/-
11/10/49.

To be telephoned to D S at Poona.
From Dy Engineer Secy, Bombay
To the Deputy Secretary PWD Poona
Your telephone message of date. The Electrical Commissioner to GOB states that x x A above

3397 2004/36
6628

To be telephoned to D.S. at Poona.

From - Deputy Engineer, Secretariat, Bombay

To = The Deputy Secretary, P.W.D., Bombay.

Your telephone message of date. The Electrical Commissioner to GOB states that tenders for the survey of the Transmission Lines from Jog and Harihar have been invited. The last date for the submission of the tender was the 15th instant, but at the request of one prominent firm, it has been extended to the 20th instant. Proposals for entrusting the survey work against acceptable tenders will be submitted to Government for approval soon after the tenders are received.

Phoned
11/10/64

11/X

2004/36
66234

11/6

2310

DWD

El Bz (1)

Resubmitted after issue for information

DWD
11/10/04

The note put up a few days may be kept with U.S. if available at C.

241

Electric Grid Offices

As desired by H.M., P.W.D., when we were at Helwak, I place below for information copies of the following two sets of papers :-

1. Electric Grid Dept. U.O.R., No.H/8/16572 dated 10th October 1949, with letter(on Utilisation of Jog Power by Madras Government) from the Chief Engineer, Electricity, Madras Government, was forwarded to Government.

2. Electric Grid Dept. U.O.R.No.T.8/1/17130 dated 19th October 1949, with which Construction Programme on Jog Scheme was forwarded to Government.

This should be kept with papers relating to Mr Gopi's questions for the Legislative Council

Mr Jogalekar of the Civil Side of the Works Dept for information regarding his remarks in regard to Jog Scheme in the Assembly

Encls: Two.

H.M.,P.W.D.,
Bombay.

U.O.R.No.T.8/1/18497
8th November 1949.

a/8.11.49.

Electric Grid Offices

H.M. P.W.D. had desired me to obtain certain information from Madras about the utilisation of Jog Power by Madras Government.

I place below a copy of a letter, dated 7th instant, together with its enclosure, received by me from Mr. Sundaram, Chief Engineer (Electricity), Madras. The letter and its enclosure, I believe, gives all the information required by H.M.P.W.D.

It will be noted that supply for both the Madras schemes is on basis of 66,000 volts as against 110,000 volts supply to us. The Ujjini transmission scheme (4,000 kW.) was sanctioned in July 1946. A part of this scheme was completed in June and another part in September this year; the balance is expected to be completed in about the middle of 1950. The other scheme (South Kanara) is not yet sanctioned.

Id. P.B.A.
10-10-49.

Secy.to Govt.,
P.W.D.,Bombay.

U.o.r. No.H/8/16572
Bombay 1: 10-10-1949.

Encl: 1 as above.

ISB/7-11-49.

No. 5052 E/49-I.

Office of the Chief Engineer
for Electricity,
Chepauk, Madras, 7th Oct, 1949.

My dear Advani,

Your D.O. No. HB/15949 dated 29.9.1949.

Under an agreement with the Mysore Government concluded in 1946, we are to be supplied power in bulk upto 4000 KW from the Jog Power Scheme at a point near Ujjini on the Mysore border of our Bellary District. A scheme for transmission and distribution of this power to Tungabhadra Dam, Hospet, Bellary, Alur, Adoni etc. in the Ceded District was sanctioned by the Madras Government in July 1946. A part of the scheme has already been completed and Mysore supply has been availed from June of this year.

The Mysore Government have also promised to supply 6000 KW from the Jog Power House for distribution in the South Kanara District of this Province, for which a scheme has been worked out. The scheme is yet to be sanctioned by Government and is pending conclusion of the power agreement with Mysore.

The information required by you in respect of the above schemes is furnished in the statement enclosed. If you desire any more please let me know.

With kind regards.

Yours sincerely,
Sd/- G. SUNDARAM.

Sri P.B. Advani,
Electrical Commissioner,
Government of Bombay,
Foreshore Road,
Bombay 1.

MTB/7.11

STATEMENT.

Item No.	Information called for.	Ceded Districts Scheme.	South Kanara Scheme.
1	2	3	4
1.	The quantum of power agreed to be taken from the Jog Power House.	4000 KW	6000 KW
2.	The voltage of supply and transmission.	66 KV	66 KV
3.	Total number of miles of H.T. Transmission line necessary for the utilization of the above power.	(a) Single circuit 66 KV line with 7/.144 ACSR conductor on painted steel towers. 116 miles. (b) Single circuit 44 kV line with 19/.064" copper conductor on R.S. Joists. ... 43 Miles. (c) 11 kV feeder lines 40 Miles.	(a) Single circuit 66 KV line with 19/.072 copper conductor. .. 90 miles (b) 11 kV feeder lines .. 60
4.	The date of Government of Madras orders sanctioning the putting up of the above line and necessary receiving stations etc.	July, 1946	Not yet sanctioned.
5.	The date of completion of Works. If the works are not wholly completed what percentage is completed and when the rest is expected to be completed and the works put into service.	(a) 66 kV line from Mysore border to Kudligi (Bellari District) - 19 Miles and 11 kV line from Kudligi to Hagari Bommanahalle - 14 miles completed and charged on 7.6.1949. (b) Section of 66 kV line from Kudligi to Tungabhadra Dam - 26 Miles completed and charged on 10.9.1949. c) Balance of the work on Transmission line and substations is in progress and likely to be completed by about the middle of 1950.	Work not yet taken up.

CONTD. (2).

Item No.	Information called for	Ceded Districts Scheme	South Kanara Scheme.
1	2	3	4
6.	The broken down estimated cost of the transmission line and the receiving stations and if readily available, the actual cost of the same.	Estimated cost including centages, as per latest figures. (a) Transmission lines = Rs 48.23 lakhs. (b) Substations = Rs 24.06 " (c) Distribution of Power. = Rs 3.49 " TOTAL Rs 75.78 lakhs.	Estimated cost including centages. (a) Transmission lines. Rs 24.30 lakhs (b) Telephone lines. 2.25 (c) Special structures 2.00 (d) Substations 21.50 (e) Distribution of power 12.00 62.05.
7.	In connection with the costs, if possible, could you say when the materials were purchased and what the basic cost of steel was at that time.	Order for supply and erection of 66 kV line was placed in November, 1946. Basic cost of steel at the time of placing orders ... Rs 225/-/- per ton. The actual payment for steel towers was as per invoiced price of steel delivered from time to time.	
8.	Nature of load which is being served or is proposed to be served by the above power.	Category — Percentage of the total. (a) Industrial 40 % (b) Agricultural 12 % (c) Domestic 15 % (d) Commercial & Small Power 20 % (e) Street lighting 3% (f) Water supplies and Miscellaneous 10 %	
9.	Was the work carried out departmentally or on contract. In the latter case who were the Contractors.	Both supply of materials and erection of Transmission line and substation was let to Messrs. Crompton Engineering Company (Madras) Limited on contract except power Transformers.	

Sd/- G. Sundaram
CHIEF ENGINEER FOR ELECTRICITY.

7.11

Below U.O.R., P.W.D., No.2004/36 of 8th October 1949 regarding Distribution of Jog Power from the Mahatma Gandhi Power Station and harnessing to Hubli and other centres in Karnataka.

.....

Electric Grid Offices.

The note, dated 26th September 1949, from M.L., P.W.D., was received by me on the afternoon of Saturday, the 8th instant.

2. The first conference with the Mysore Authorities took place on 22nd May 1948 and a comprehensive note containing the estimates and financial forecasts based on the decisions arrived at the conference were prepared thereafter and submitted to Government on 30th August 1948. In the meantime, while the Government were considering this note, estimates of cement, steel, etc. for the Scheme were prepared and submitted to Government on 15th December 1948 for securing priorities. Reaction of Government to this note was not known till about December 1948, when I learnt from a copy of their letter No.9282/36-El. of 28th December 1948 addressed to the Central Electricity Commission, Simla, that the Government had included the scheme for being accorded high priority along with the other schemes of the Bombay Government. Thereupon, immediate steps were taken by me in the way of planning, both as regards staff likely to be required as well as equipment likely to be wanted for the utilisation of the Jog Power, so that as soon as Government decision was known, action could be expedited. I also made proposals to Government - vide my letter No.T.8/1/20368 of 31st December 1948 about sanctioning the required design staff and authorising a procedure that would secure expeditious deliveries of plant and completion of the transmission line surveys.

3. The second conference of the Hon'ble Ministers of the Governments of Bombay and Mysore took place on 10th February 1949; and as a result of the decisions taken at the conference, a revised note, viz. fourth note, was submitted to Government on 14th April 1949, containing the

estimates and financial forecasts based on purchasing 10,000 kw. at Jog and 1,500 kw at Mariner, and distributing the same in Karnatak. My proposals for staff and equipment were already with Government. They were returned to me for clarification with u.o.r., P.W.D., No.2004/36-El. of 5th April 1949. These clarifications were offered in my reply - u.o.r. No.T.8/1/3804 of 14th April 1949.

4. Pending the decision of Government, inquiries were made with different firms for suitable types of plant which could be obtained without much loss of time involved in preparation of designs and specifications, and for erection. An American firm in response to our request, submitted data informally on what are called "Packaged Substations", which are available in standard units and could be supplied and erected with minimum of delay. Informal inquiries were also sent for carrying out the surveys of the transmission lines and substation sites. In short, work was pushed on to the extent that was possible prior to the receipt of Government orders with the existing staff already fully occupied on other active works.

5. The staff required for the scheme was sanctioned by Government on 29th July 1949. I addressed Government sending requisition forms - vide my letter No.E.4(a)/13760 of 23rd August 1949 for appointment of the gazetted staff through the Public Service Commission, but so far, I believe, the advertisement for the posts has not appeared in the Press.

6. As regards the earliest time by which we should be able to commence the Jog-Karwar Scheme I may state that subject to the approval of proposals in paras. 7 and 8 below, and Government approving my proposals for the purchase of plant and equipment - vide my letter No.T.8/1/10639 of 26th September 1949, and the necessary currency being made available for the purchase of some limited materials from non-Sterling areas, I expect that the supply could be commenced soon after three years from now, i.e. say, by the beginning of 1953. I also feel that we may be able to use about 6,300 kw in the first year of the commencement of

supply.

7. I have noted the wishes of H.M.P.W.D. that this work should be prosecuted at full speed. Everything possible will be done in this respect. The gazetted technical staff for which I have already sent a requisition to Government, must be appointed as early as possible, for without it, the progress on the execution of the scheme will not be possible. The existing staff is insufficient even for the works already under execution. I am submitting herewith a phased programme of the work, based on the availability of this staff from 1st December, 1949.

I have to emphasize that functioning of the programme will have to date from the availability of the staff. The date of 1st December 1949 mentioned above assumed that Mr. Helbe, who had been appointed Executive Engineer(Transmission) with recommendation of the Public Service Commission, and who has been negotiating with Government, will join before 1st December 1949. I have, however, just been informed that he does not intend taking up the post. The Transmission Section has now three vacancies of Executive Engineers and no one to fill them. The method of recruiting through the Public Service Commission has been tried repeatedly, and failed, which is due mainly to the paucity of trained technical officers in the country. I suggest that Government may approach Governments of Madras and Mysore - who have electrical departments of long standing - for loan of one officer each for a temporary period of two or three years to tide over our difficulty. The officers may be given upto the maximum of the scale of the Executive Engineer's pay plus usual allowances, but if that would not attract suitable men, higher salary may be agreed to. In addition to contribution of leave salary, this Government will have to pay pension contribution if the officers are in pensionable service, otherwise Provident Fund at the rates admissible to them in their parent Provinces. So far as is known here, services in both the Provinces are on pensionable basis and therefore the former alternative will have to operate. It is imperative that services of suitable men be

secured without delay. The basic qualifications of these posts as advertised by the Public Service Commission are enclosed. They may be communicated to the two Governments. However, officers with different qualifications, but suitable for the duties, will be acceptable.

8. It is to be further mentioned that the programme assumes that the public tender method will be waived to expedite this work. The following method is intended to be followed :-

(1) For the transmission lines - Open tenders were invited for South Gujarat lines less than six months ago. It is proposed to make use of these offers to arrive at the most suitable equipment for the Jog line. The South Gujarat line is 66 kV whereas Jog is 110 kV and therefore negotiations will have to be carried out on basis of unit prices. Government sanction for placing orders will be applied for when the final prices are arrived at.

(2) For substations - It is intended to issue an enquiry stating service required and operating conditions to 4 or 5 selected American, Swiss and British firms, and invite them to quote their standard line of equipment which they can deliver in ~~xxx~~ minimum time. On receipt of offers, maximum adjustment will be made between the requirements and equipments and recommendations made to Government for placing orders.

9. The scheme, as will be seen from the programme, is estimated to commence operation in about 3½ years, which is the minimum period under the present abnormal circumstances. In Madras, where the Electricity Department is 22 years old, it has taken 3 years to bring a similar scheme partially in use - vide my u.o.r. No.M.8/16572 dated 10th October, 1949.

H. P.L.A.

Secy. to Govt.,
P.W.D., Bombay.

U.O.R. No. P.8/1/17/30
Bombay 1: 19-10-1949.

a/7.11.49

JOG - KARNATAK ELECTRICITY

CONSTRUCTION PROGRAMME

Note :- The Programme is basedon the assumption that adequate technical staff will be made available.

S.No.	Particulars.	Date of calling for tenders.	Date of Receipt of tenders.
1.	2.	3	4
1.	Transmission Line Route Surveys.	30- 9-49	20-10-49
2.	Transmission Line Construction (110 KV & 33 KV.)	1- 2-50	1- 6-50
3.	Sub-Stations including erection.	1- 4-50	1- 8-50
4.	Distribution Line Construction (11 KV.)	1- 6-50	1- 9-50
5.	Civil Engineering Works.	1- 4-51	1-8-51
6.	Acquisition of Land	-	-

wbm/7-11-49.

h all the necessary higher
fore 1-12-1949.

Date of Approval by Government.	Date of Placing orders	Date of Commencement of construction works	Date of completion of works.	REMARKS.
6	7	8	9	10
~~1-12-49~~ 0-11-49	~~1-12-50~~ 1-12-49.	1- 1-50	1- 1-51	This is based on work being carried out by contractors.
- 8-50	1- 9-50	1- 6-51	31- 3-53	This is based on Towers, Conductors & Insulators being obtained from Italy or France.
1-10-50	1-11-50	1-10-52	31-3-53	This is based on "Unit substations" being obtained from U.S.A.
1-11-50	1-12-50	1-12-51	31-3-53	
1-11-51	1- 1-52	1- 3-52	31-3-53	This is based on work being entrusted to contractor.
			1-12-51	This is to be done departmentally.

2-6-7

RECRUITMENT OF EXECUTIVE ENGINEER
FOR TRANSMISSION SECTION.

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(A) 1. Name of post :- One Executive Engineer (Electrical & Mechanical) required for Design of the Jog Scheme.

2. Qualifications :- A degree in Electrical Engineering from a recognised University or a Diploma in Electrical Engineering from the Indian Institute of Science, Bangalore or of any institution of similar status. Preference will be given to those who are also Members of Associate Members of the Institution of Engineers, India, the Institution of Electrical Engineers, England or American Institute of Electrical Engineers.

3. Training and Experience :- Candidates should have practical experience of various fields of Electrical Engineering of not less than ten years at least five of which should have been spent in a position of responsibility connected with designing, erection, and maintenance of high (66 KV and over) and low tension transmission and distribution systems.

4. Duties:- To assist the Superintending Engineer (Transmission) in the work of designs, construction and maintenance of large high (66 kV and over) and low tension transmission and distribution systems.

1. Name of post:- Executive Engineer (Electrical) required for Operation and Maintenance of the North Gujarat Electric Grid Scheme.

2. Qualifications :- A degree in Electrical Engineering from a recognised University or a Diploma in Electrical Engineering from the Indian Institute of Science, Bangalore or of any institution of similar status. Preference will be given to those who are also Members or Associate Members of the Institution of Engineers, India, the Institution of Electrical Engineers, England or American Institute of Electrical Engineers.

3. Training and Experience :- Candidates should have had practical experience in the various fields of Electrical Engineering of not less than ten years, at least five of which should have been spent in a position of responsibility, connected ....

connected with Operation and Maintenance of large E.H.T.(66 kV and above) and L.T. Transmission and distribution systems.

4. Duties :- To be in charge of Operation and ance of large E.H.T. (66 kV and above) transmission and distribution systems responsible for their efficient working.

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ISB/7-11-49.

Regarding the distribution of Jog Power.

Staff:- The required staff was sanctioned under G.L., dated the 29-7-49. It included the posts of one Ex. Engr. (Transmission) and one Asstt. Engr. (Transmission). The Public Service Commn. was requested to advertise the posts in G.L. No.1184/48-E(I), dated the 27-10-49. The Public Service Commn. wanted some additional information, which was supplied on the 14-12-49. The Commn. has issued the advertisement for the posts on 19-12-49; the last date for receiving applications has been fixed as the 8-2-50.

The El. Commr. has also approached Govt. for sanctioning the post of one Asstt. Engr. (Civil) for this scheme. The F.D. has agreed to this proposal and the orders sanctioning the post are being issued shortly. It may be mentioned that the Govt. of Mysore and the Govt. of Madras have been requested on the 5-1-50 to lend the services of two Ex. Engrs. (Transmission) and one Ex. Engr. (Transmission) respectively to this Govt. H.M., P.W.D., has also written D.O. letters in the same connection on the 11-1-50.

Contract for the survey of transmission routes:- The El. Commr. has been authorised under G.L. No.2004/36-El.(I), dated the 31-12-49, to accept the tender of Messrs. Ghosh and Co., Calcutta, for the survey of transmission lines for the Jog-Karnatak Grid Scheme for an amount of Rs.98,000/-.

Purchase of equipment for Jog Power Distribution Scheme:- The El. Commr. has been informed in G.L. No.2004/36-El.(I), dated the

23-12-49.....

23-12-49, to prepare required specifications for the equipment and communicate them very early to the Dir. General of Industries and Supplies with a request to expedite the invitation of quotations therefor. In his D.O. No.T/3/S-26/22841, dated the 5-1-50, the El. Commr. has again requested for Govt. orders to make these purchases direct on the plea that getting these equipments from the Dir. General of Industries and Supplies will considerably delay the execution of the Scheme. This request is yet to be considered

'A'

DRN.
12.1.50.

Seen with the speaking A. note.
17/1

HM
1/50

(The papers on A. N. were submitted to HM.)

Do await a reply from the D.O. 905, from Shri K.K. Nair No T-8/5-24 23502 dt. 13th Jan'50 from the Electrical Commissioner to Govt. of Bombay (vide their No 2004/36/10821)/A

1/2

21/1 CPL